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STATE OF HAWAII  
DEPARTMENT OF LAND AND NATURAL RESOURCES  
Land Division  
Honolulu, Hawaii 96813

June 23, 2011

Board of Land and Natural Resources  
State of Hawaii  
Honolulu, Hawaii

PSF No.: 11HD-071

**HAWAII**

Grant of Sixteen (16) Perpetual, Non-Exclusive Easements to the Department of Defense for Emergency Civil Defense Warning Siren Purposes; Immediate Construction Right-of-Entry at Puna, South Hilo, Hamakua, North Kohala, South Kohala, North Kona, South Kona and Kau, Hawaii; Tax Map Keys: 3<sup>rd</sup>/ 1-6-03:110, 1-9-03:17, 2-2-56:26, 2-4-01:161, 2-4-35:04, 2-5-40:12, 2-8-06:12, 2-8-14:01, 4-5-03:20, 4-8-06:10, 5-6-01:37, 5-7-03:13, 6-9-01:17, 7-4-19:44, 8-9-04:08 & 9-6-05:08

**APPLICANT:**

Department of Accounting and General Services, on behalf of the Department of Defense.

**LEGAL REFERENCE:**

Section 171-95, Hawaii Revised Statutes, as amended.

**TMK/ DISTRICT/ ZONING/ ENCUMBRANCE/ CURRENT USE/ AREA:**

TAX MAP KEY: 3 <sup>rd</sup> /	DISTRICT	ZONING		ENCUMBRANCE / CURRENT USE	PARCEL AREA/Acres
		SLU	CZO		
1-6-03:110 (Exhibits A & A-1)	Keaau, Puna	Ag/ Urban	A-20a	DOE: Keaau High School site (disposition pending)	Site 928 41.304 ac
1-9-03:17 (Exhibits B & B-1)	Olaa, Puna	Ag	Open	EO #3669: COH-Volcano Community and Civic "Cooper" Center	Site 936 10.000 ac.
2-2-56:26 (Exhibits C & C-1)	Panaewa, S. Hilo	Ag	A-3a	EO #3081: COH-Panaewa (Malama) Park; LODS-28,246: HELCO (.482ac)	Site 119 10.2790 ac.
2-4-01:161 (Exhibits D & D-1)	Waiakea, S. Hilo	Urban	SFR- 7.5	EO #2623: COH-Mohouli Park	Site 120 4.000 ac.

TAX MAP KEY: 3 <sup>rd</sup> /	DISTRICT	ZONING		ENCUMBRANCE / CURRENT USE	PARCEL AREA/Acres
		SLU	CZO		
2-4-35:04 (Exhibits E & E-1)	Waiakea, S. Hilo	Ag	A-1a & A-10a	EO #2728: COH-Waiakea Uka Gym; LODS-28,578: COH (.2810ac)	Site 124 6.700 ac.
2-5-40:12 (Exhibits F & F-1)	Waiakea, S. Hilo	Ag	Open	COH-Kaumana Caves Park (undocumented disposition); EO #1387: COH Water System LODS-28,008: HELCO (.156ac)	Site 125 4.870 ac.
2-8-06:12 (Exhibits G & G-1)	Kulaimano Homesteads S. Hilo	Urban	A-5a	GLS-4881: COH-recreational and community center (lease to 5/12/18)	Site 122 4.900 ac.
2-8-14:01 (Exhibits H & H-1)	Honomu, S. Hilo	Urban	SFR- 7.5	EO #2737: COH-Honomu Park	Site 111 9.965 ac.
4-5-03:20 (Exhibits I & I-1)	Honokaa, Hamakua	Urban	SFR- 10	EO # 408: DOE-Honokaa High School; LODS-27,997: George Carvalho (.048ac)	Site 302 8.612 ac.
4-8-06:10 (Exhibits J & J-1)	Waikoekoe, Hamakua	Urban	SFR- 15	EO #2737: COH- Kukuiahae Park LODS-28,407: Hawn Telcom	Site 306 4.026 ac.
5-6-01:37 (Exhibits K & K-1)	Kapaa, N. Kohala	Ag	A-20a  SMA	EO #1342: COH-Kapaa Beach Park  Within SMA	Site 505 12.960 ac.
5-7-03:13 (Exhibits L & L-1)	Mahukona, N. Kohala	Ag/ Cons	A-5a  SMA	EO #4344: COH-Mahukona Park  Within SMA	Site 504 14.960 ac.
6-9-01:17 (Exhibits M & M-1)	Lalamilo, S. Kohala	Cons	A-5a/ Open SMA	GLS-5162: Mauna Lani Resort (Operation), Inc., Holoholokai Beach Park Within SMA	Site 409 230.497 ac.
7-4-19:44 (Exhibits N & N-1)	Kealakehe, N. Kona	Urban	A-1a	EO #2312: DOE-Kealakehe Elementary LODS-25,397: COH	Site 602 29.681
8-9-04:08 (Exhibits O & O-1)	Hoopulooa, S. Kona	Cons	Open	Milolii-Hoopulooa Residential Subd.	Site 707 1.570 ac.
9-6-05:08 (Exhibits P & P-1)	Paauau, Kau	Urban	SFR- 15/ Open	EO Nos.678, 713, 849 & 2513: DOE Kau High & Pahala Elementary School	Site 804 26.926 ac.

Maps showing the parcel locations are attached as Exhibits A through P. Site sketches of the proposed installations are attached as Exhibits A-1 through P-1.

TRUST LAND STATUS:

All of the parcels are ceded lands pursuant to Section 5(b) of the Hawaii Admission Act, with the exception of TMKs: 3<sup>rd</sup>/1-6-3:110 (Site 928) – acquired after 8/59; 4-8-06:10 (site 306) – Section 5(a) of the Hawaii Admission Act; and 9-6-05:08 (site 804) – Section 5(a) of the Hawaii Admission Act.

None of the parcels are DHHL 30% entitlement lands pursuant to the Hawaii State Constitution.

PURPOSE OF PROPOSED USE:

Right, privilege and authority to install, access, use, maintain, repair, replace and remove an emergency civil defense warning siren and related equipment over, under and across State-owned land.

COMMENCEMENT DATE:

To be determined by the Chairperson.

CONSIDERATION:

Gratis

CHAPTER 343 - ENVIRONMENTAL ASSESSMENT:

With respect to three siren locations in the conservation district, the Office of Conservation and Coastal Lands has already determined that the installation of the sirens and poles is exempt from the preparation of an environmental assessment, and the Board of Land and Natural Resources approved that determination at its meeting of April 12, 2011, Item K-1. For locations outside of the conservation district, see Exemption Notification attached as **Exhibit Q**.

DCCA VERIFICATION:

Not applicable. The Applicant is a government agency.

APPLICANT REQUIREMENTS:

Applicant shall be required to:

- 1) Provide survey maps and descriptions according to State DAGS standards and at Applicant's own cost; and
- 2) Obtain written concurrence of the agencies with control and management of the respective parcels, as well as the concurrence of lessees who occupy any of the

subject parcels pursuant to State leases.

REMARKS:

On behalf of the Department of Defense, State Civil Defense (DOD), the Department of Accounting and General Services (DAGS) has requested sixteen (16) perpetual, non-exclusive easements to be located on various State-owned parcels for emergency civil defense siren sites. Each easement will have a footprint of approximately 84 square feet for the siren pole and equipment, plus an access corridor that will vary in area depending on the location of the pole within each parcel and the pole's proximity to a public road. The actual area of the easement including the access corridor is to be established by survey.

The sirens are being sited to fill gaps in coverage in populated or heavily used coastal areas while avoiding sensitive buildings such as hospitals, zoos, public safety offices (to avoid dispatch interference) and aircraft flight paths. The poles will be sited in compliance with clear zone standards. If located within a park, the sirens will be sited away from recreational activity.

The installation consists of a 24" diameter wooden or composite pole that will stand at a maximum height of 50' above ground. A directional or omni-directional, battery-powered siren and photovoltaic panel will be mounted near the top of the pole. See schematic details attached as **Exhibit R**. The poles will be located away from trees and structures that could shade the panels, will be self-supporting without guy wires, and will have no lighting. The poles will have a secured cabinet containing batteries and electronics. The sirens will be light green in color that is intended to blend in with the existing vegetation. After the sirens are installed, DOD or its contractors will conduct occasional servicing of the siren system.

In four instances (sites 302, 111, 602 and 804), sirens are being upgraded at existing locations that will also require new pole installations.

Three of the sirens (sites 504, 409 and 707) will be located in the conservation district. At its meeting of April 21, 2011, Item K-1, the Board approved the issuance of Conservation District Use Permit ST-3580 that allows the installation of the sirens and poles in the conservation district. The Board approved the Office of Conservation and Coastal Lands' determination that the installation of the poles and sirens in the conservation district is exempt from the preparation of an environmental assessment under HRS Chapter 343 pursuant to Hawaii Administrative Rules Chapter 11-200, Section 11-200-8(A)(3).

DOD has issued its own Declaration of Exemption for the proposed use under its June 26, 1996 Exemption List Class No. 3 – Construction and location of single, new, small facilities or structures, and the installation of new, small equipment and facilities and public utility services extensions to serve such structure or facilities. DOD cites to Exempt Item No. 23 from the list – Civil Defense Warning Sirens. Exemption Class No.

3 of the Department of Land and Natural Resources, Land Division, Exemption List dated April 28, 1986 tracks the DAGS Exemption List Class No. 3. See **Exhibit Q**.

DOD has not had a lease, permit, easement or other disposition of State lands terminated within the last five years due to non-compliance with such terms and conditions.

Comments are being solicited from the agencies identified below and any responses received will be addressed in the final submittal.

Agency	Response
<b>State:</b>	
DLNR-Historic Preservation	No response
DLNR-State Parks	No comments
DLNR-Engineering	No response
DOT-Airports	No objections
Department of Education	See comments below
Office of Hawaiian Affairs	No response
<b>County:</b>	
Planning Department	Comments provided to update zoning information for foregoing table.
Parks and Recreation	No response
Public Works	No response
Property Management	No objections

DAGS or DOD has secured the written concurrence of the principals of some of the affected schools (e.g., Keaau High School – site 928) and affected agencies (e.g., County Parks and Recreation – site 110) to the siting of civil defense sirens on land under the control and management of such schools or departments. However, formal concurrences will be required from the respective agency heads. Staff is therefore including an Applicant Requirement above that Applicant secure required written agency concurrences. Additionally, one site (Holoholokai Beach Park – site 409) is located on land encumbered by General Lease No. S-5162 to Mauna Lani Resort (Operation), Inc. (MLRI). DAGS/DOD has secured the written concurrence of MLRI to the placement of a siren on the lease premises by letter dated March 9, 2010 and countersigned March 15, 2010.

DAGS submitted an archaeological monitoring plan (AMP) for the project to the DLNR's State Historic Preservation Division (SHPD), which was accepted. The final report was dated July 2010 and covers most of the sites. The report was prepared by Scientific Consultant Services, Inc. under sub-contract to PBR Hawaii (DAGS' prime planning consultant). Additionally, there are 2 sites that are covered in a draft AMP report that was recently prepared by the same consultant and submitted in April 2011 to SHPD.

The Department of Education, (DOE) has no objections to the granting of the easements for emergency civil defense warning sirens, but requested the following:



1. That the applicant coordinate the scheduling of construction and future maintenance of the sirens with the principal of the respective schools to minimize disruption to the schools' operations.
2. That noise and dust abatement measures be implemented during installation of the sirens. In the consultation with the principal of the respective schools, the applicant install appropriate safety measures during construction to ensure the safety of the DOE's students, faculty, and staff.
3. That the maintenance and operation of the sirens will be the responsibility of the applicant and will not be the responsibility of the DOE.

RECOMMENDATION: That the Board:

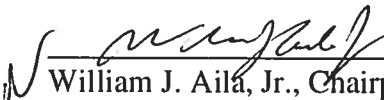
1. Declare that, after considering the potential effects of the proposed disposition as provided by Chapter 343, HRS, and Chapter 11-200, HAR, this project will probably have minimal or no significant effect on the environment and is therefore exempt from the preparation of an environmental assessment.
2. Subject to the Applicant fulfilling all of the Applicant requirements listed above, authorize the issuance of 16 perpetual, non-exclusive easements to the Department of Defense covering the subject areas for emergency civil defense warning siren purposes under the terms and conditions cited above, which are by this reference incorporated herein and further subject to the following:
  - A. The standard terms and conditions of the most current perpetual easement document form, as may be amended from time to time;
  - B. Review and approval by the Department of the Attorney General; and
  - C. Such other terms and conditions as may be prescribed by the Chairperson to best serve the interests of the State.
3. Authorize the issuance of a construction right-of-entry to the Department of Defense and the Department of Accounting and General Services to remain in effect until the easement document is executed, subject to the following:
  - A. The standard terms and conditions of the most current right-of-entry form, as may be amended from time to time; and

- B. Such other terms and conditions as may be prescribed by the Chairperson to best serve the interests of the State.

Respectfully Submitted,

  
\_\_\_\_\_  
Wesley T. Matsunaga  
Land Agent 

APPROVED FOR SUBMITTAL:

  
\_\_\_\_\_  
William J. Aila, Jr., Chairperson

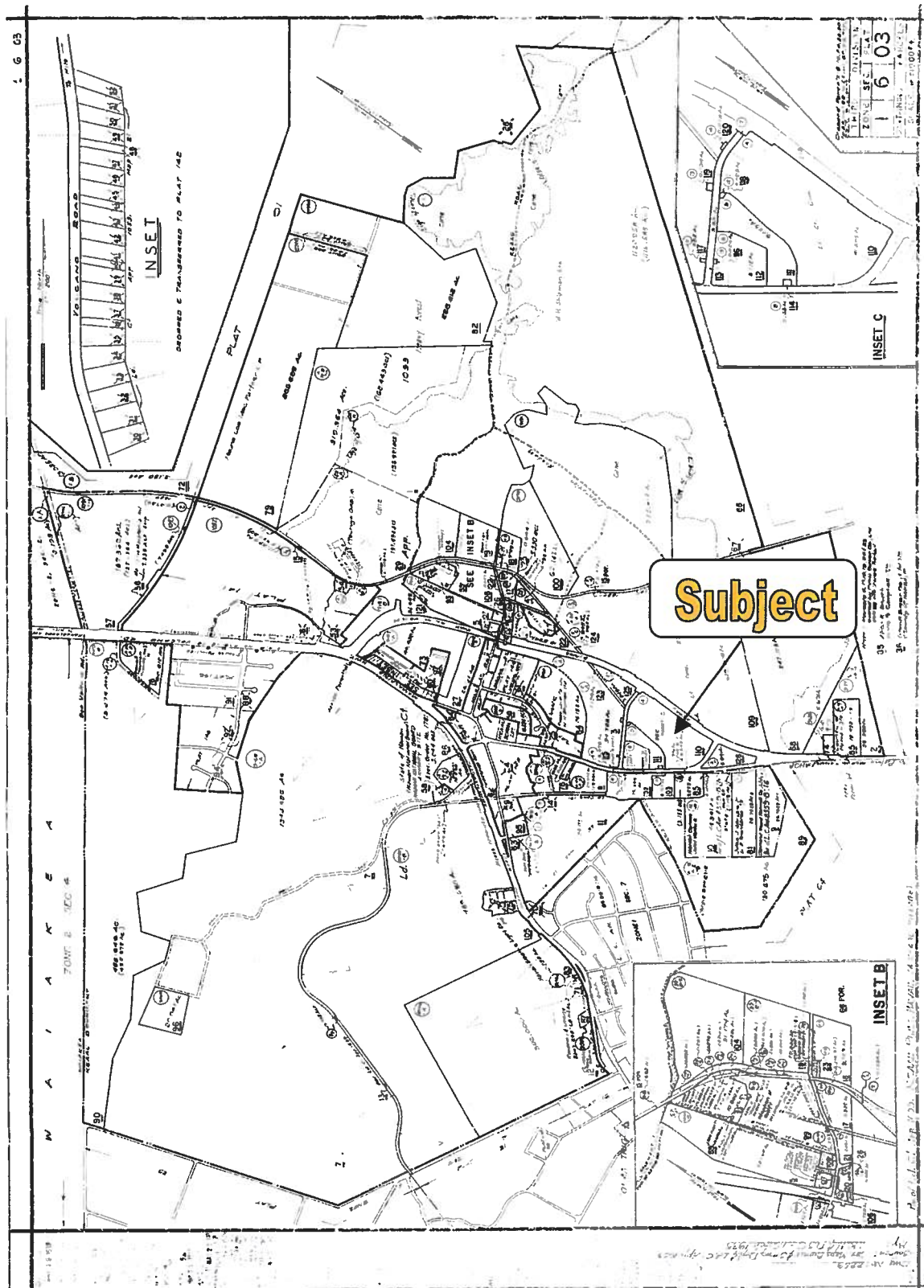



EXHIBIT A



### SITE SKETCH

DATE: 8/22/2008  
ISLAND: Hawaii  
SITE NUMBER: 928  
SITE NAME: Keanu High School

#### Legend

- ☐ Parking Lot Lights
-  Baseball Field Dugout

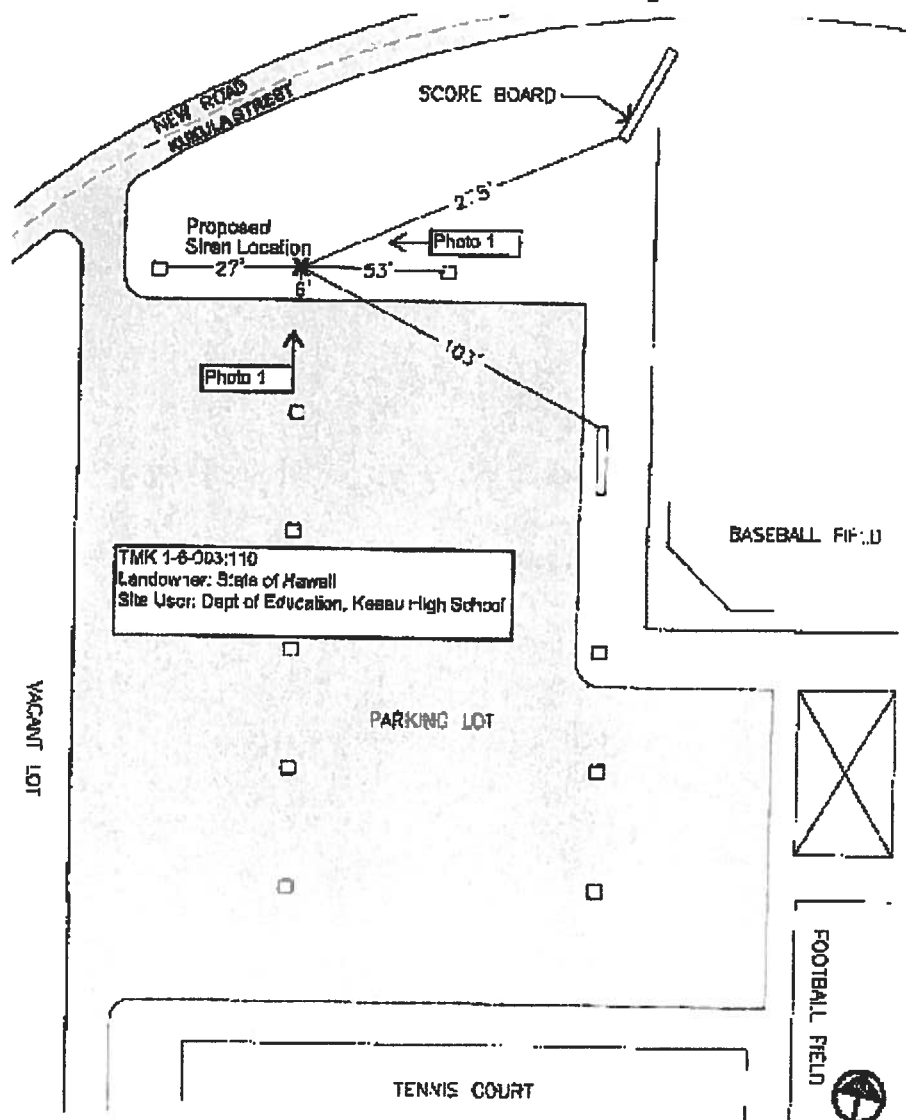
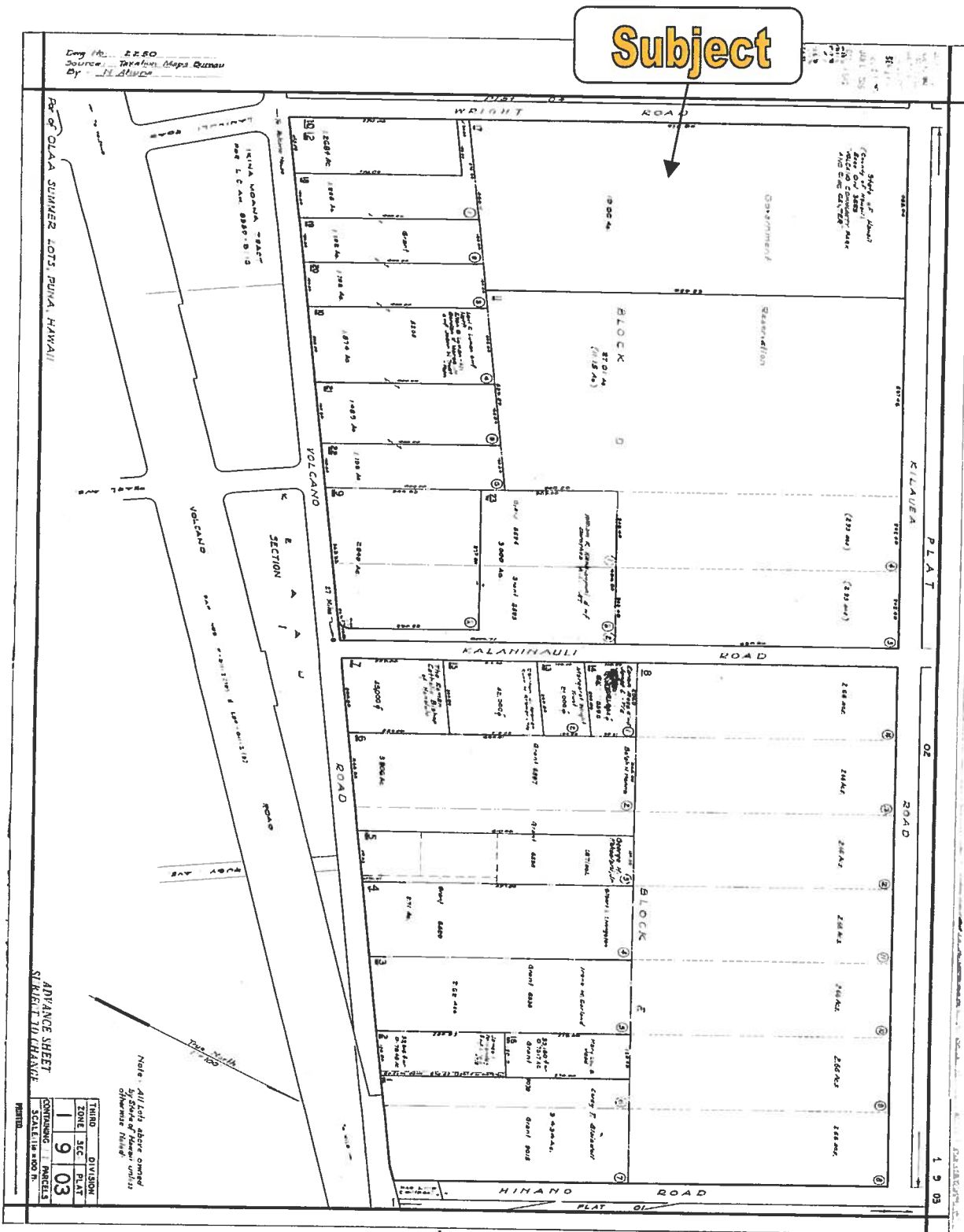


EXHIBIT A-1



**EXHIBIT B**

## SITE SKETCH






DATE: 12/18/2008

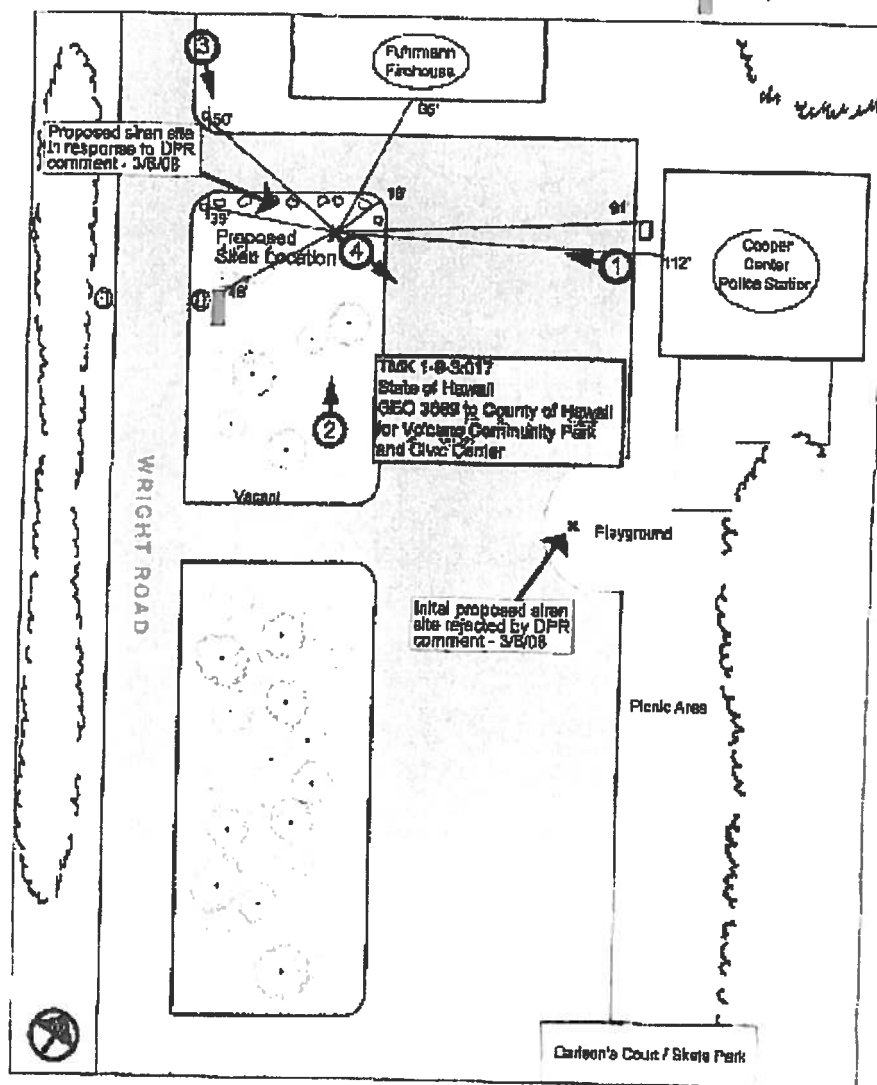
ISLAND: Hawaii

**SITE NUMBER: 936**

**SITE NAME:** Cooper Center

### LEGEND

-  Photo Director
-  Utility Pole with Light
-  Parking Lot Light
-  Sign
-  Utility Box

**EXHIBIT B-1**

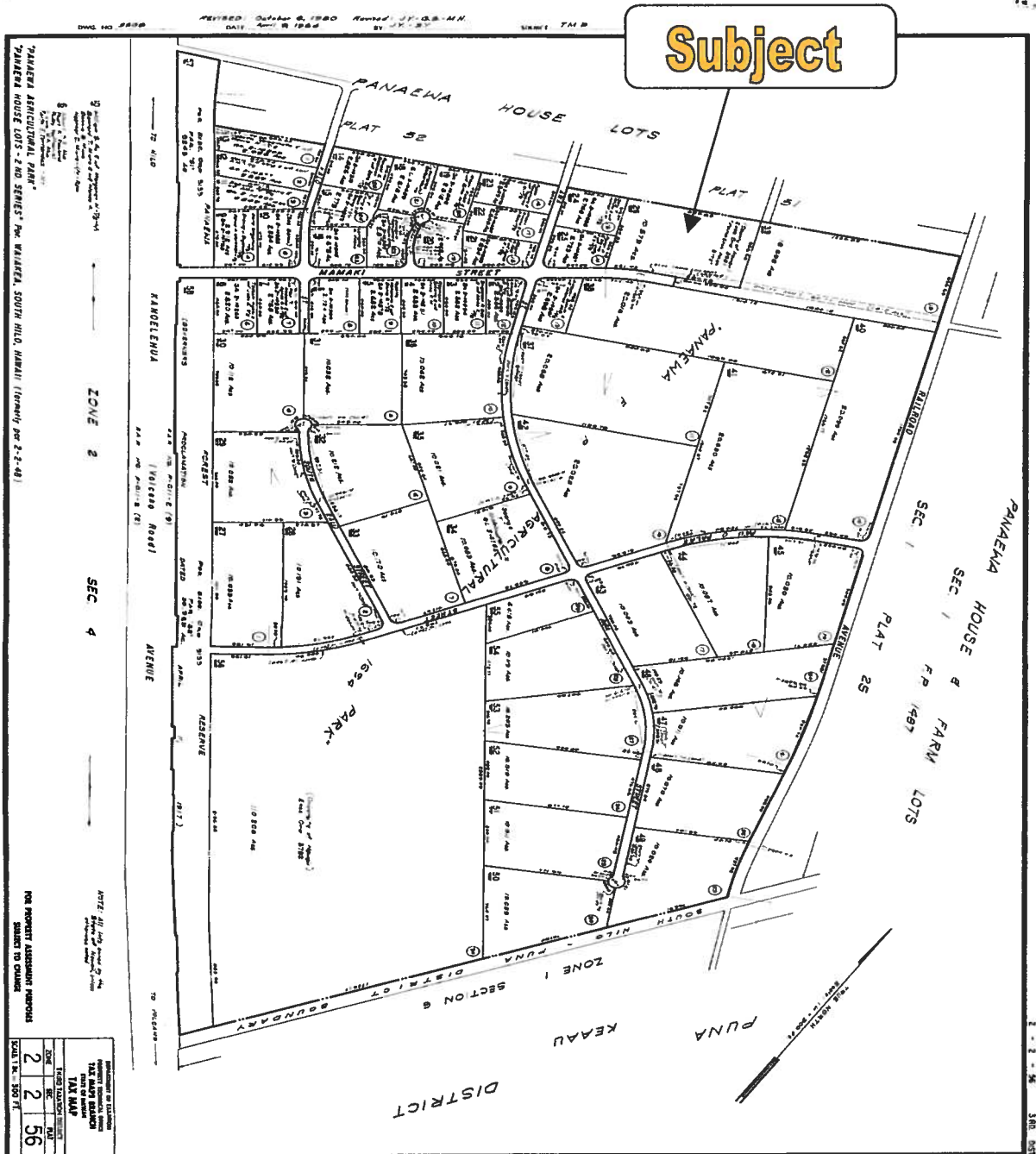


EXHIBIT C

### SITE SKETCH

DATE: 8/24/2006

ISLAND: Hawaii

SITE NUMBER: 119

SITE NAME: Malama Park

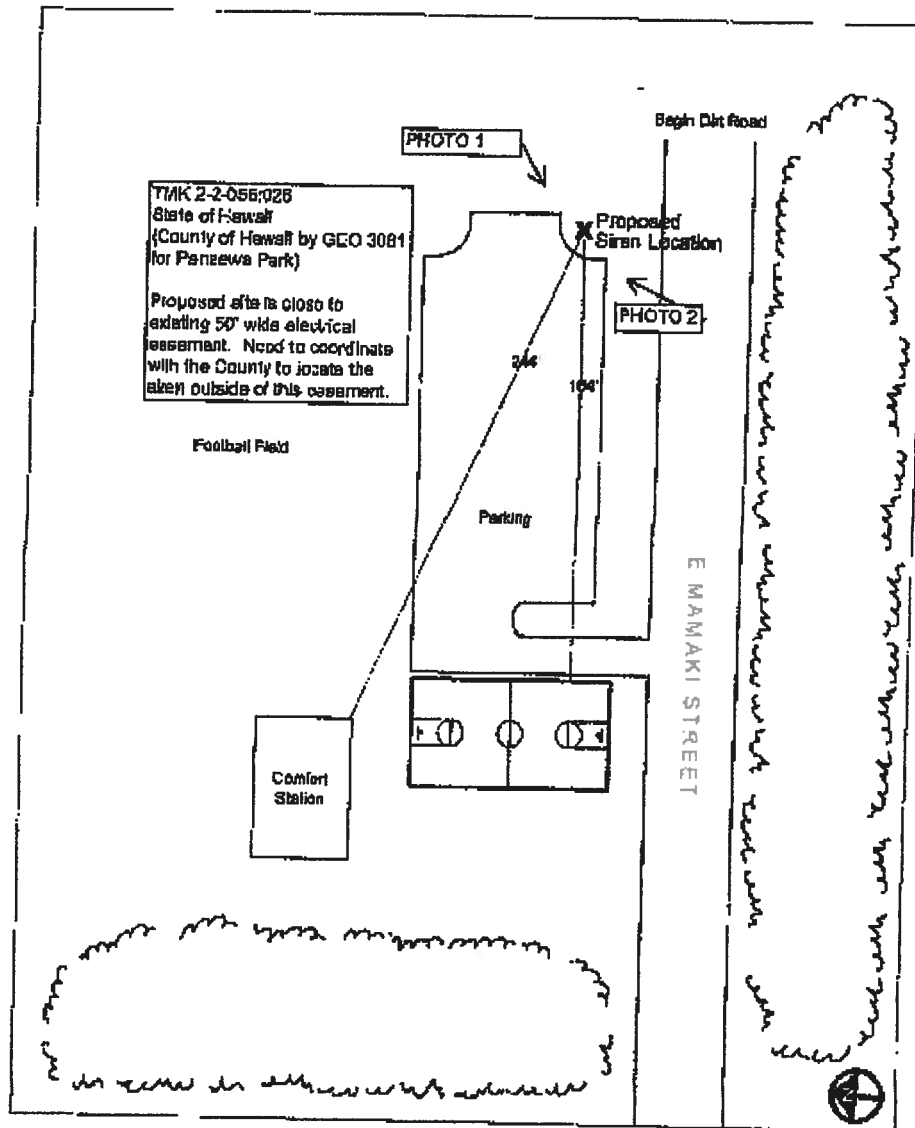


EXHIBIT C-1

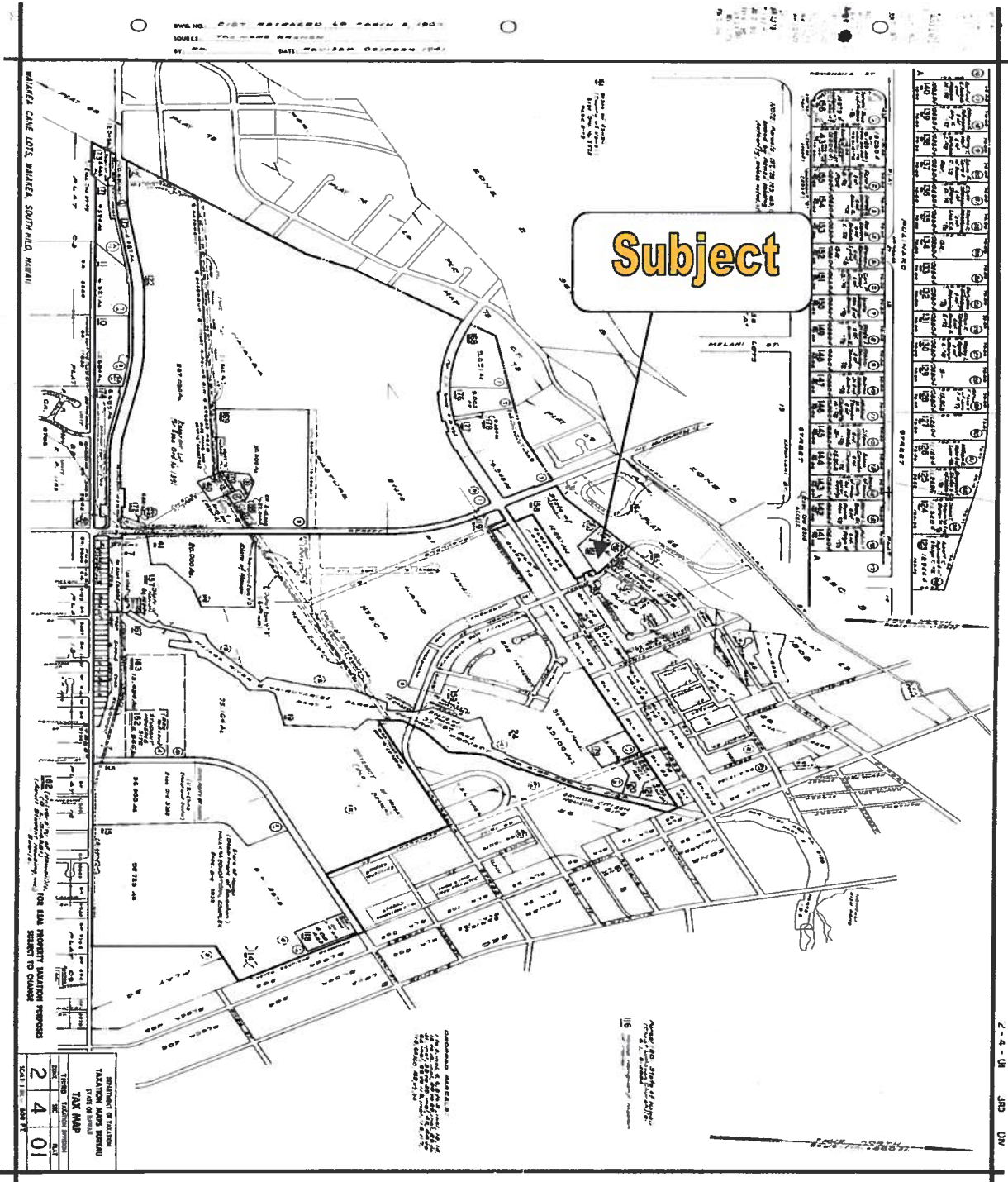


EXHIBIT D

### SITE SKETCH

DATE: 8/24/2006

ISLAND: Hawaii

SITE NUMBER: 120

SITE NAME: Mohouli Park Alternatives

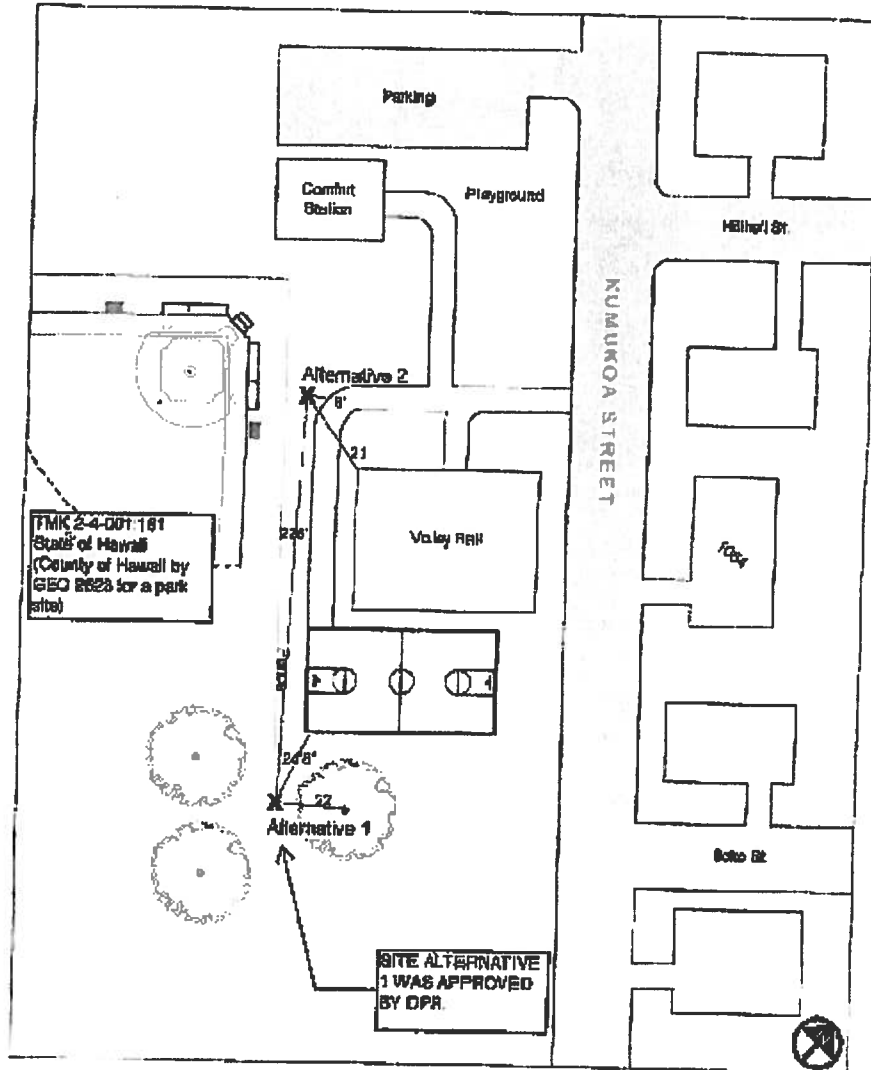


EXHIBIT D-1

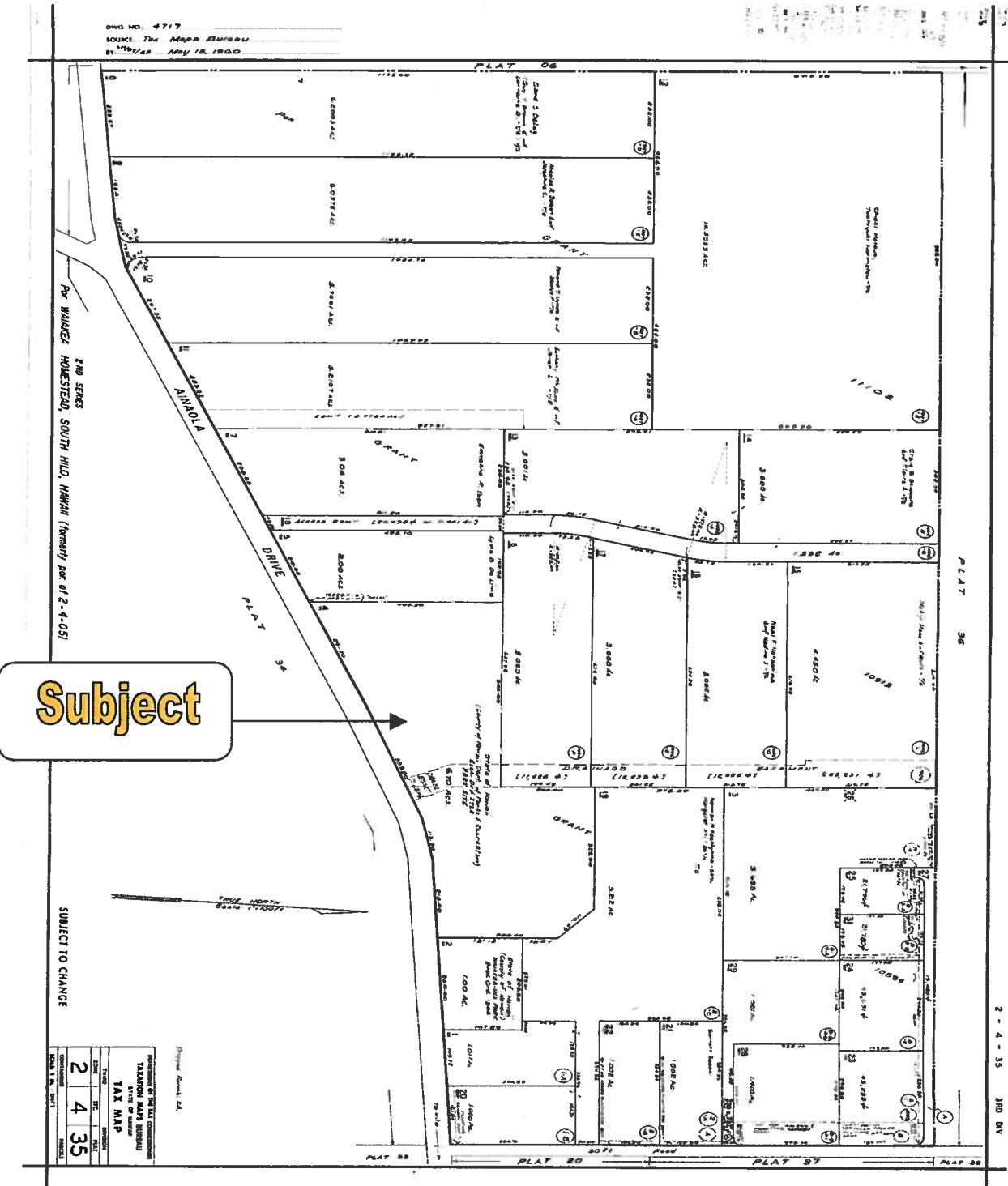


EXHIBIT E



### SITE SKETCH

DATE: 8/25/2006

ISLAND: Hawaii

SITE NUMBER: 124

SITE NAME: Waiakaa Uka Gym

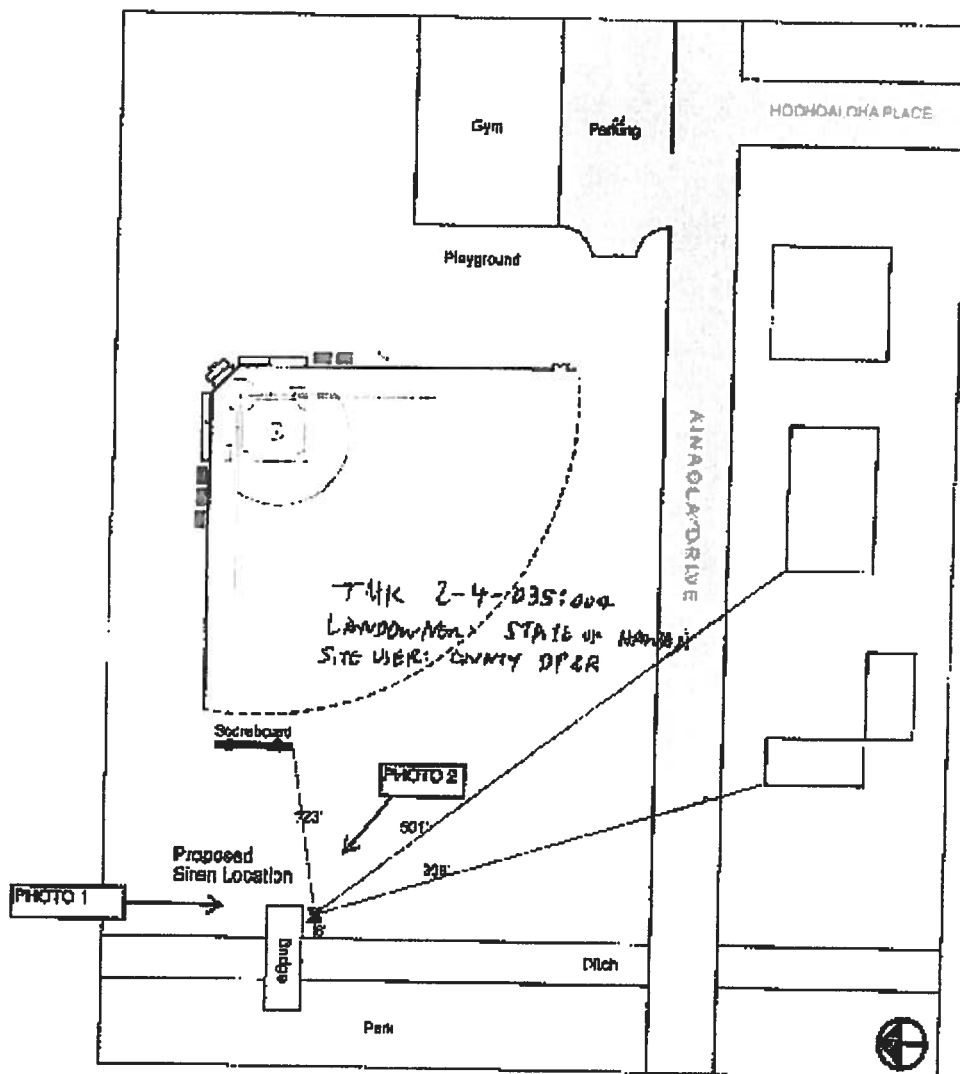
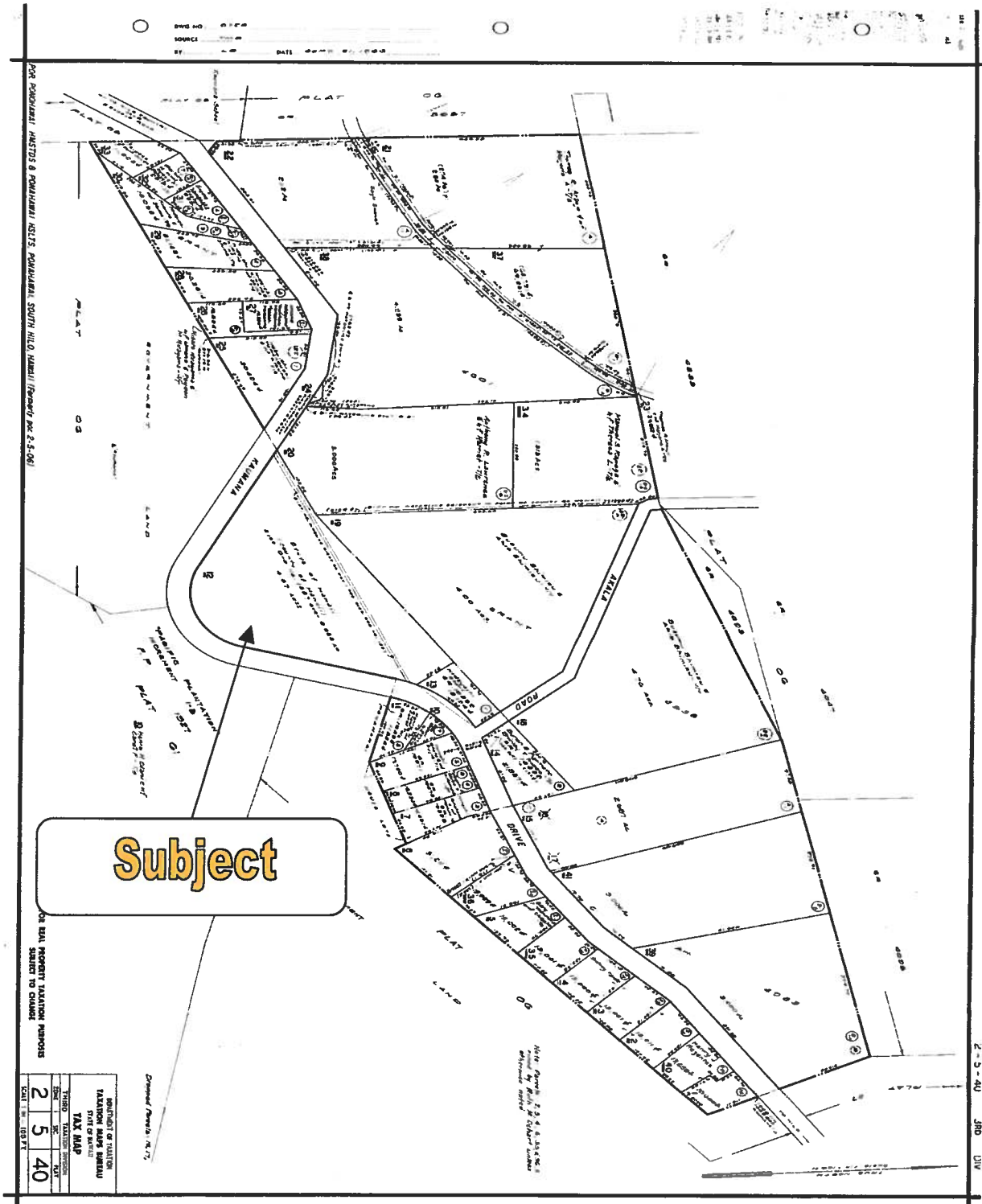


EXHIBIT E-1



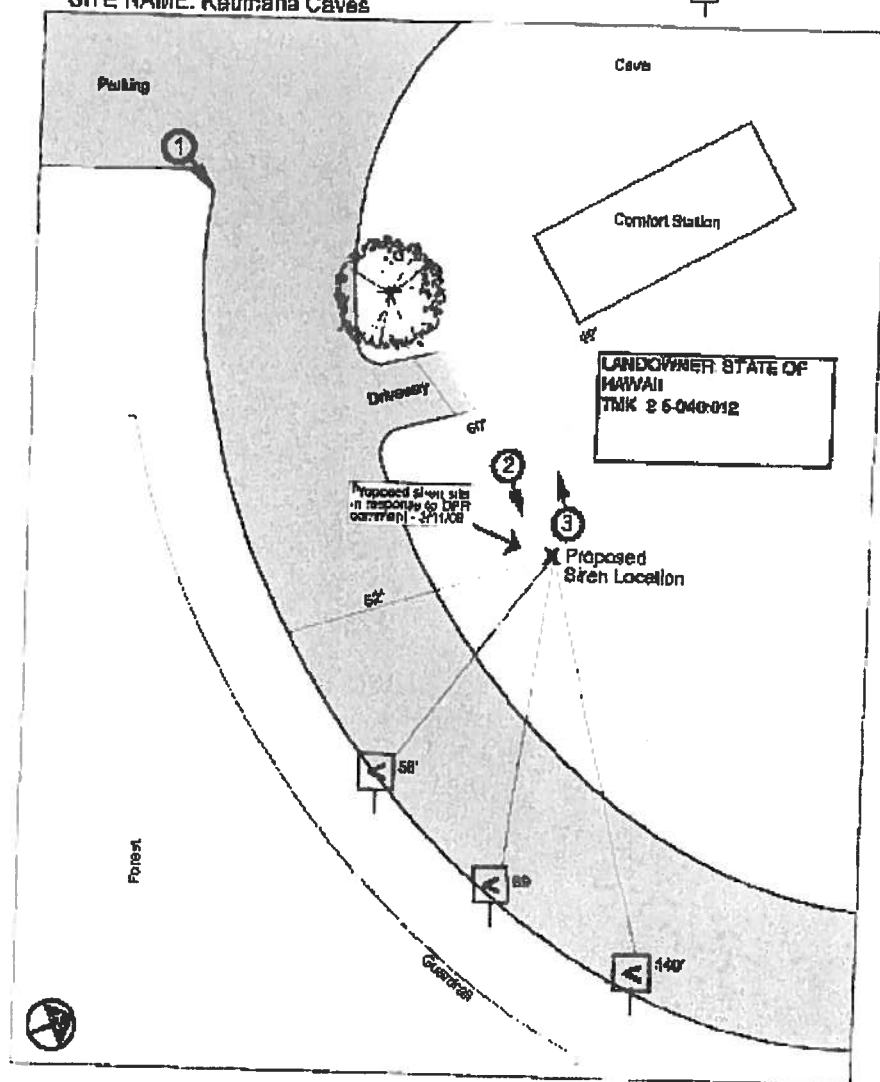
**EXHIBIT F**

## SITE SKETCH

DATE: 12/17/08  
ISLAND: Hawaii  
SITE NUMBER: 125  
SITE NAME: Kaumana Caves

### LEGEND

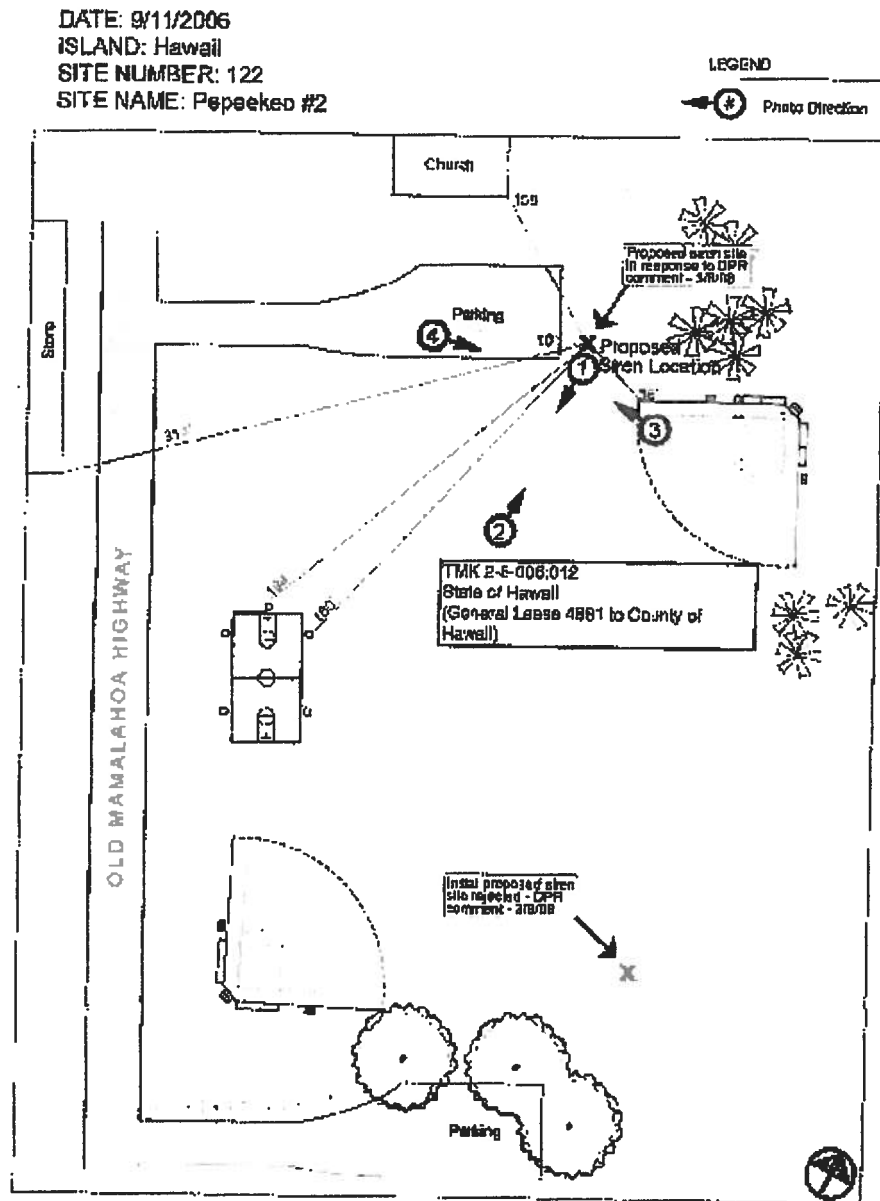
 Photo Direction  
 Sharp Corner Sign

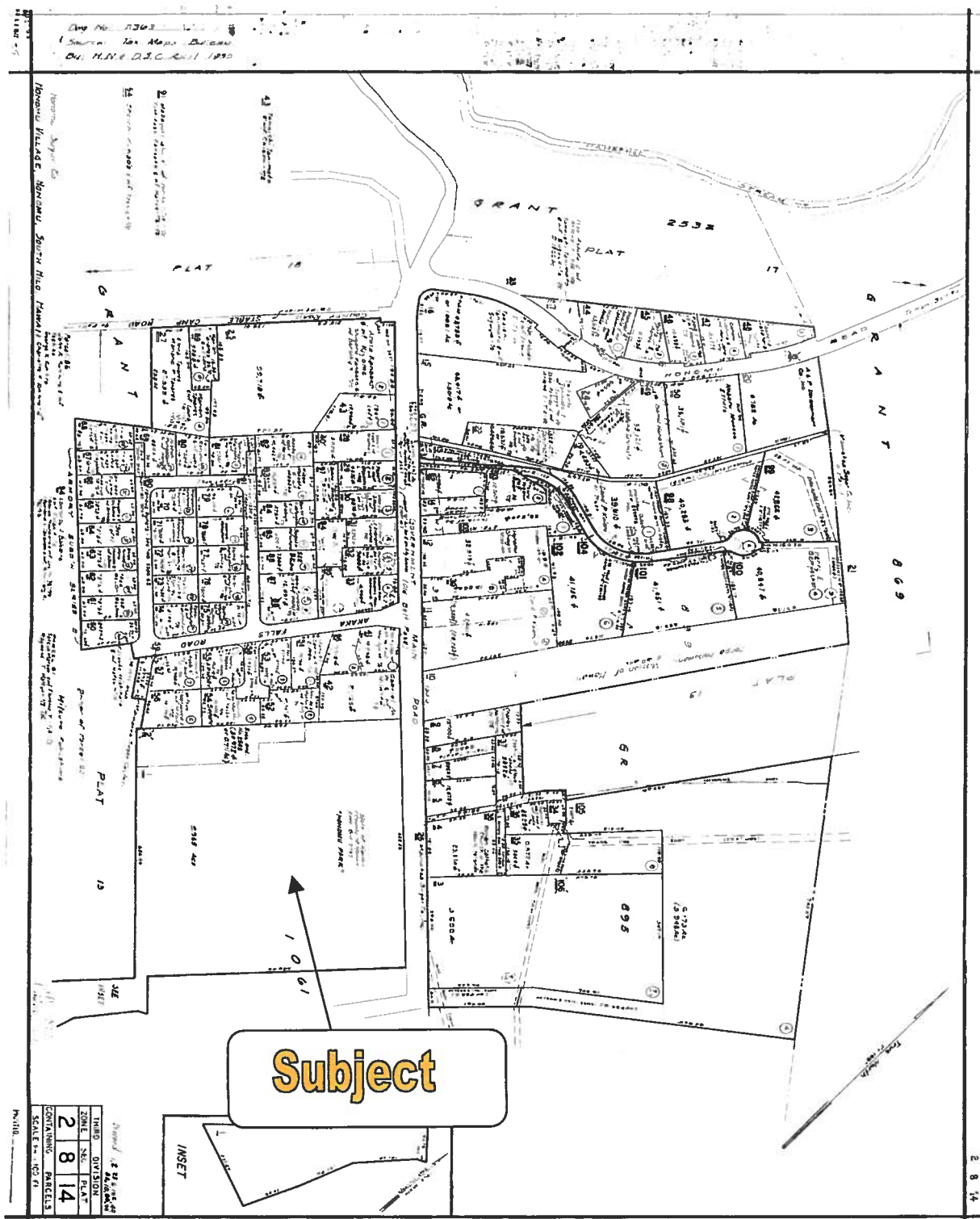


**EXHIBIT F-1**



### SITE SKETCH





## EXHIBIT H

### SITE SKETCH

DATE: 9/11/2006  
ISLAND: Hawaii  
SITE NUMBER: 111  
SITE NAME: Honouliuli

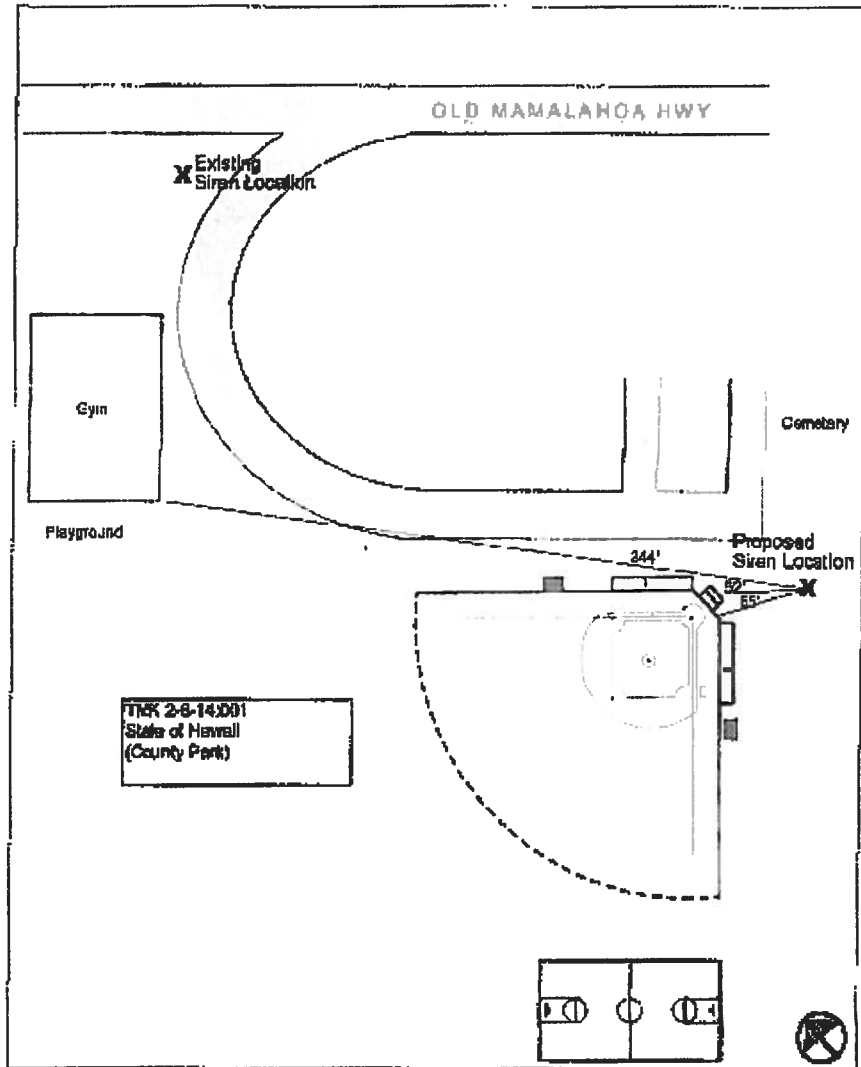
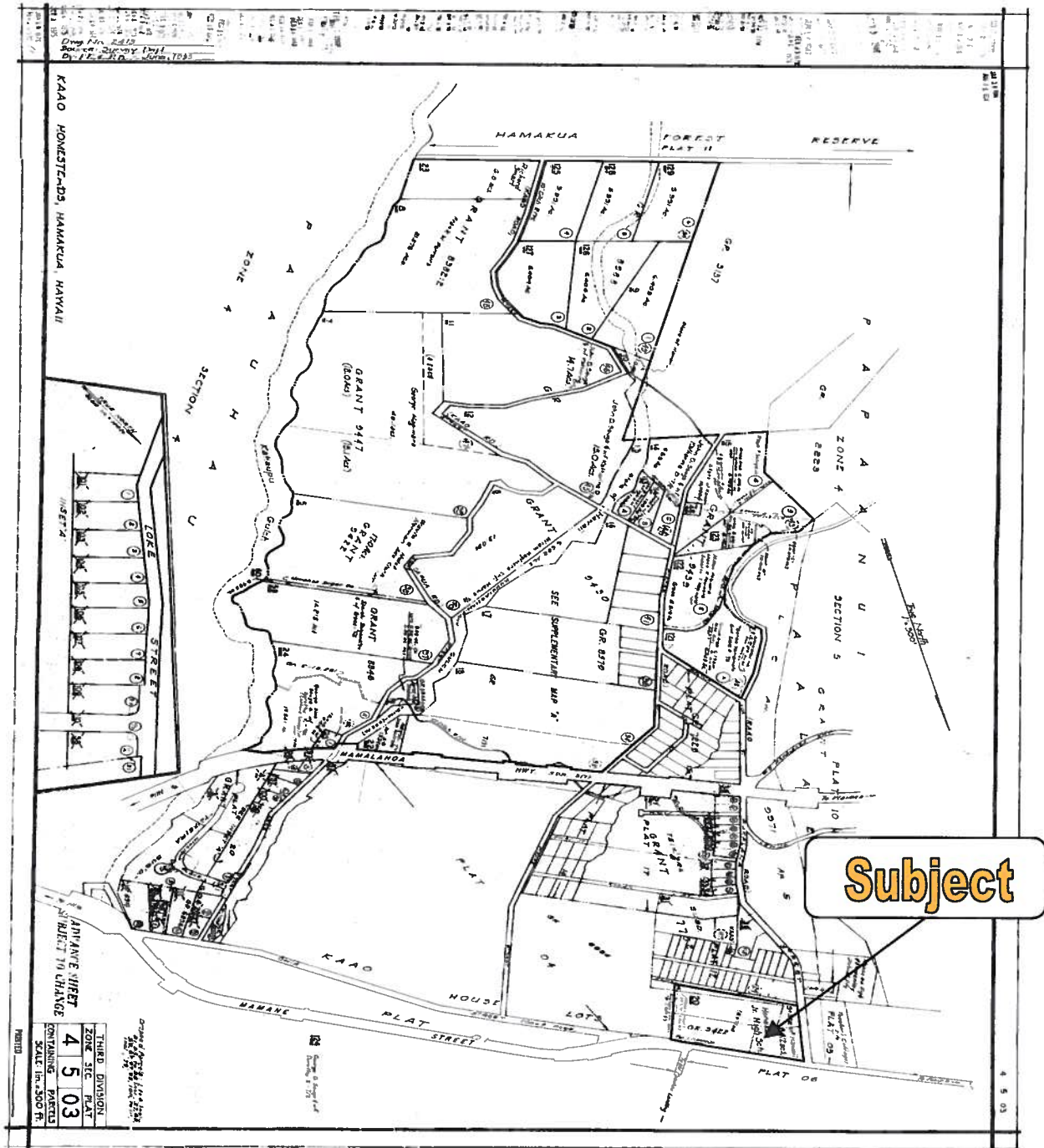


EXHIBIT H-1





# EXHIBIT I

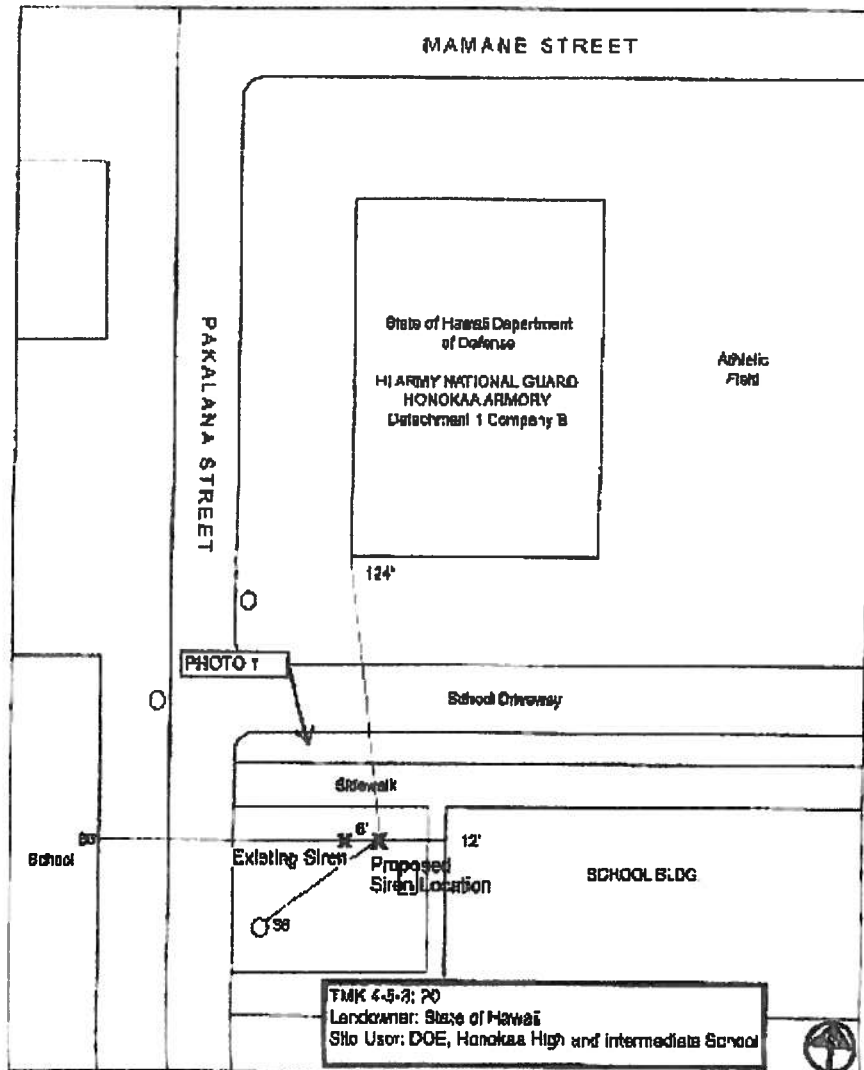


## SITE SKETCH

DATE: 3/19/2007  
ISLAND: Hawaii  
SITE NUMBER: 302  
SITE NAME: Honokaa

### LEGEND

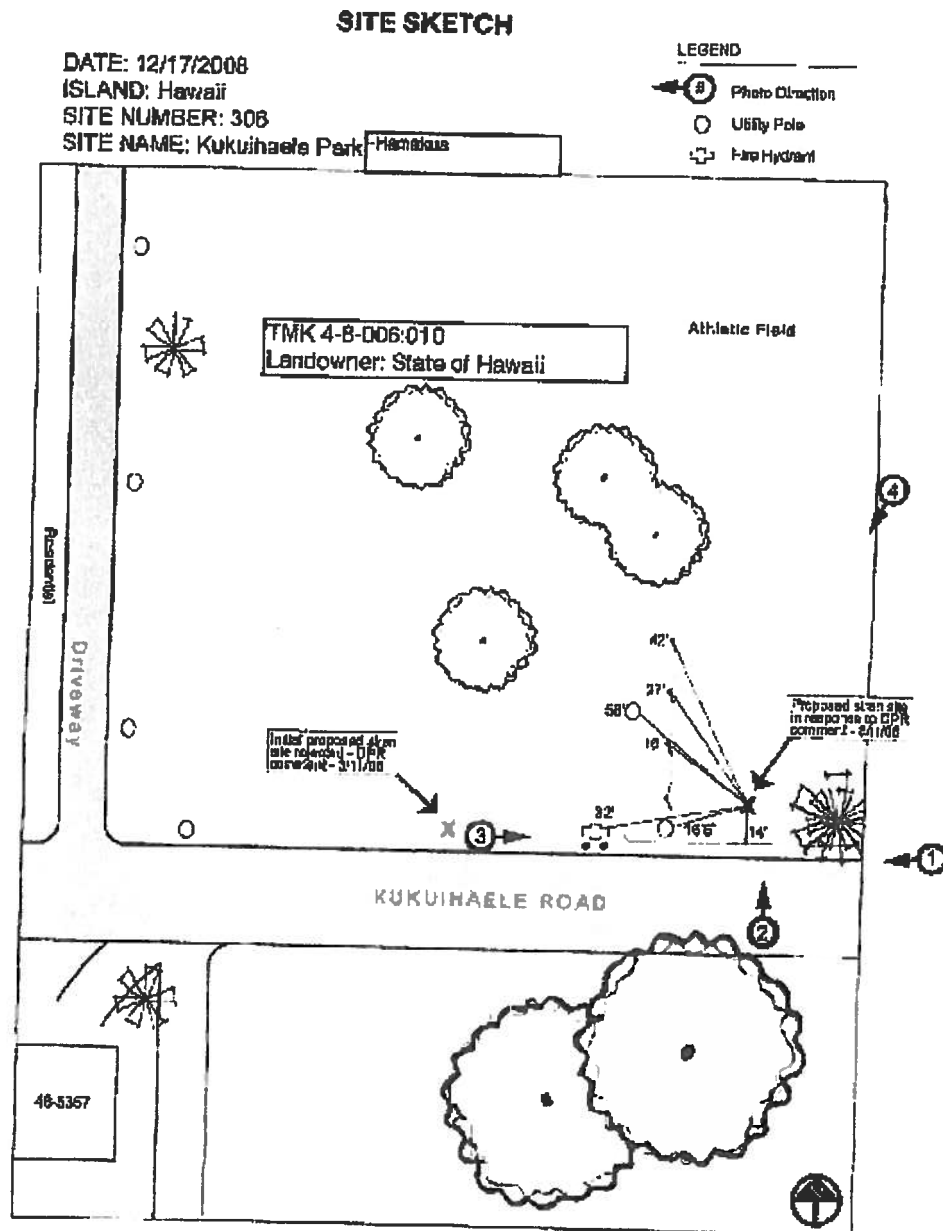
○ Utility Pole



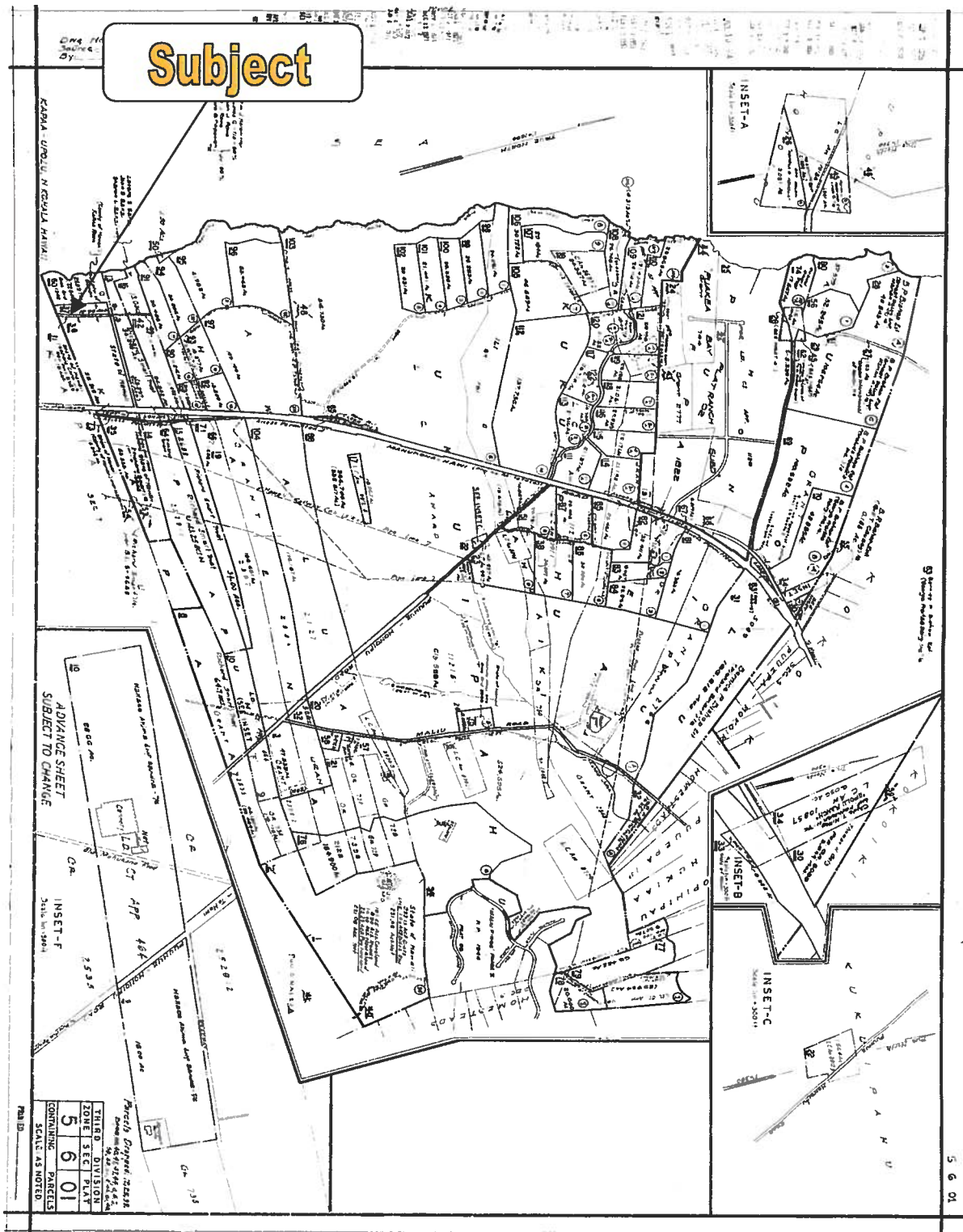
2/5

EXHIBIT I-1





**EXHIBIT J-1**



**EXHIBIT K**

### SITE SKETCH

DATE: 12/17/08  
ISLAND: Hawaii  
SITE NUMBER: 505  
SITE NAME: Kapaa Park Road

LEGEND

Ⓜ Photo Direction

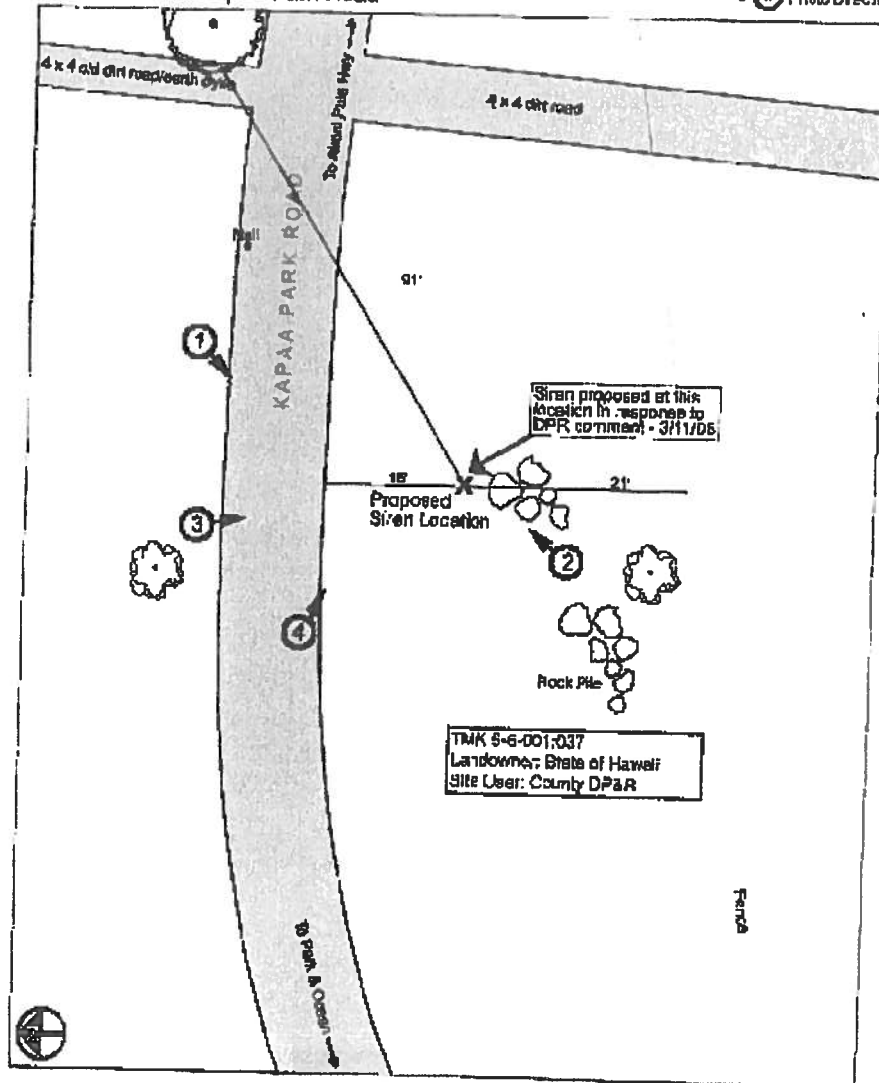
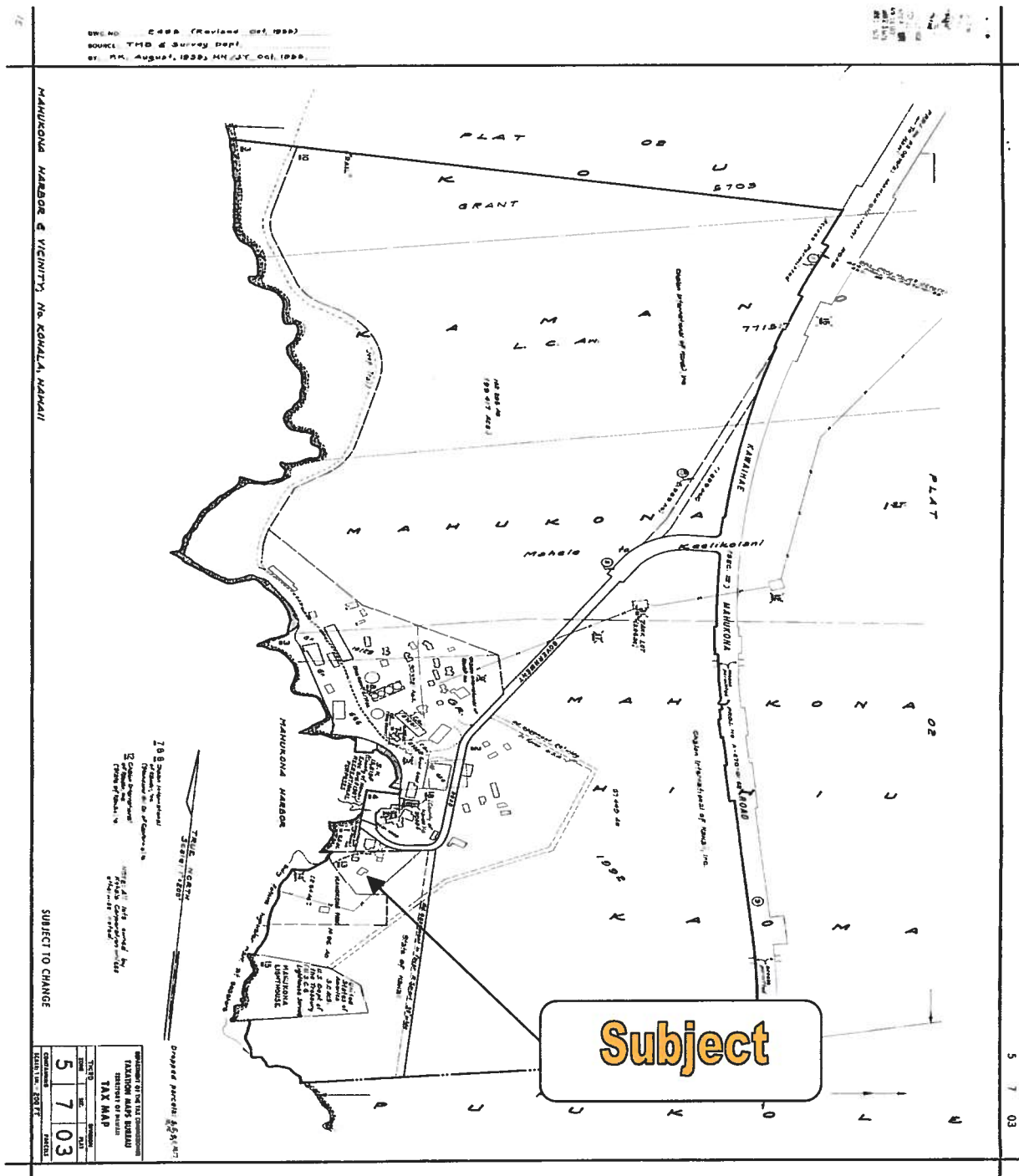


EXHIBIT K-1



# EXHIBIT L

### SITE SKETCH

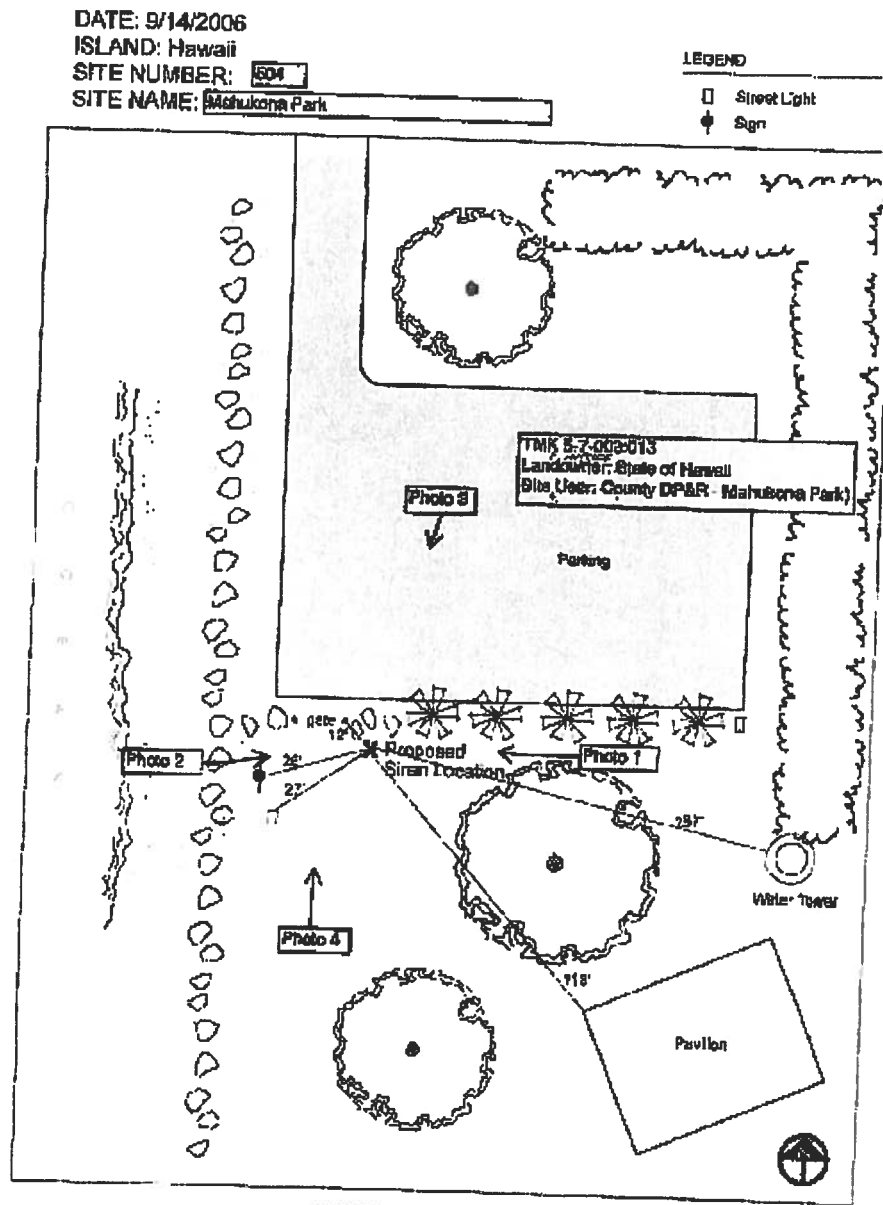
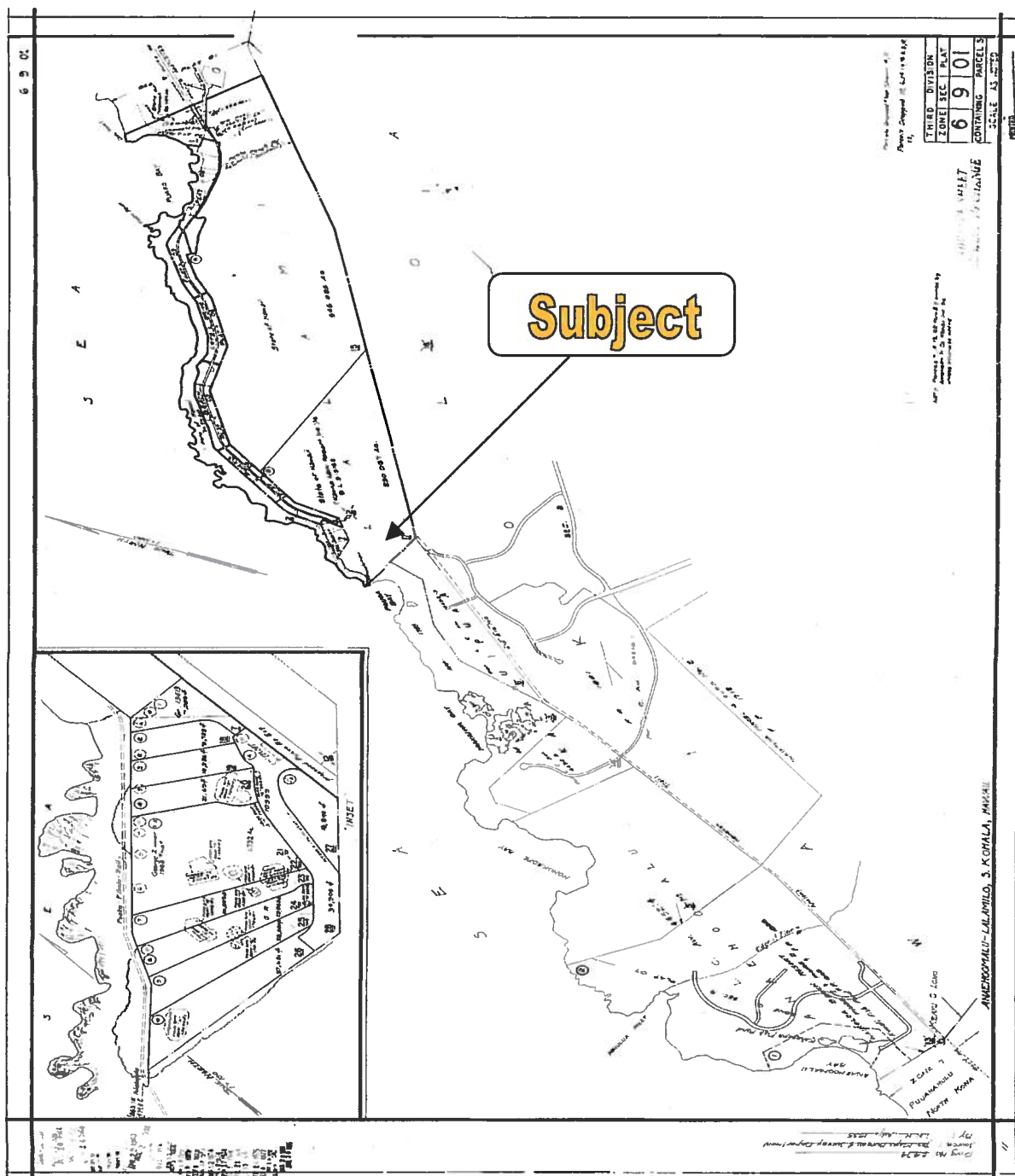


EXHIBIT L-1



## EXHIBIT M



### SITE SKETCH

DATE: 8/18/2009

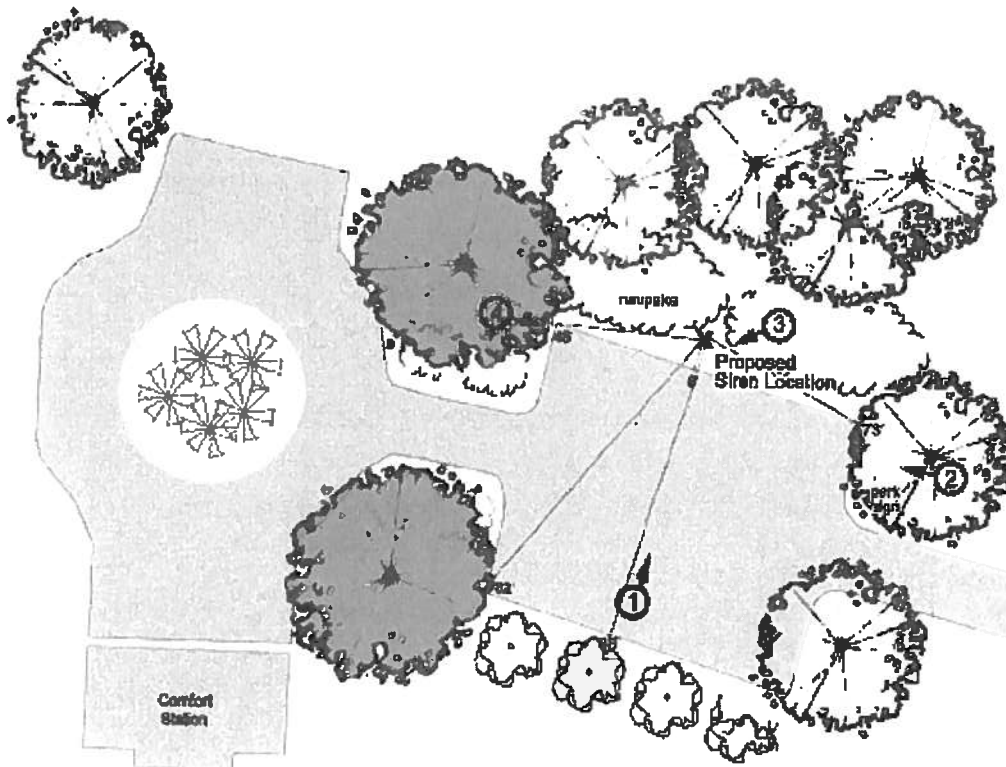
ISLAND: Hawaii

SITE NUMBER: 409

SITE NAME: Holoholokai Public Beach Park

#### LEGEND

➔ (X) Photo Direction



TMK: (3)6-9-001:017  
Site User: Mauna Leni Resort (Operation), Inc.  
Land Owner: State of Hawaii

THE FAIRMONT ORCHID HAWAII

EXHIBIT M-1





EXHIBIT N

## SITE SKETCH

DATE: 9/15/2006

ISLAND: Hawaii

SITE NUMBER: 602

SITE NAME: KEALAKEHE SCHOOL

### LEGEND

① Utility Pole with Light

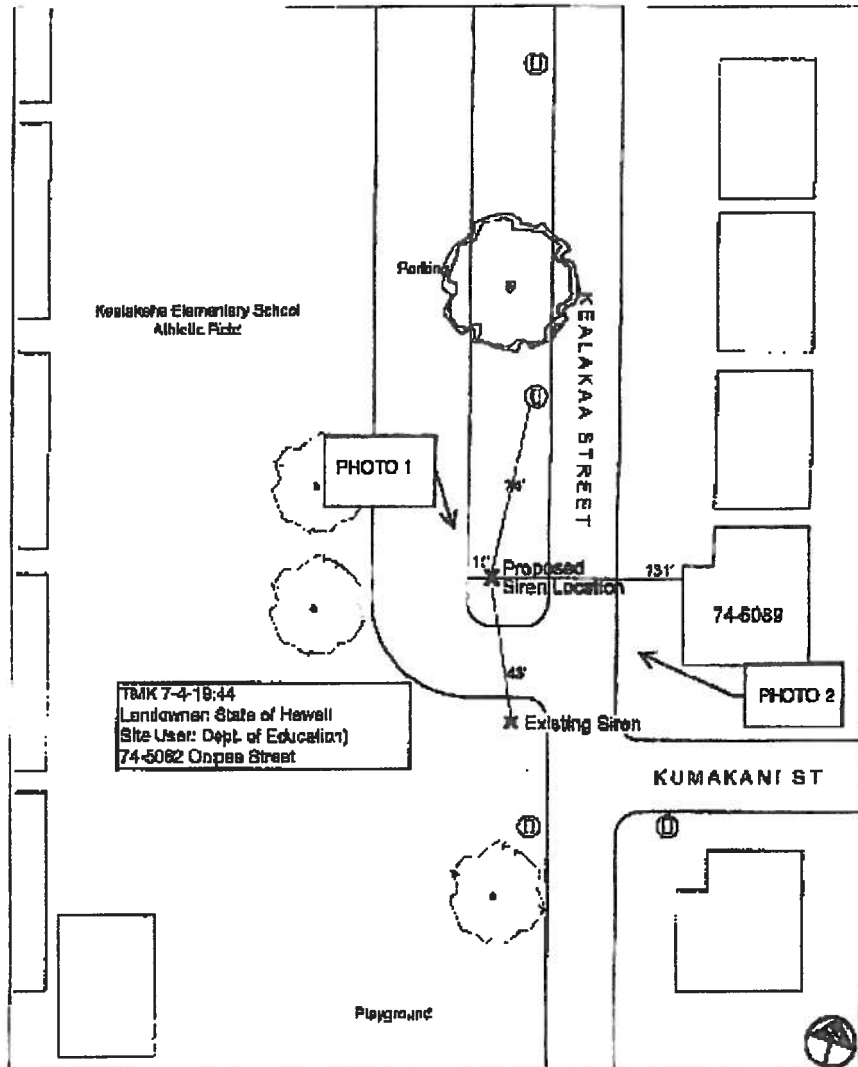
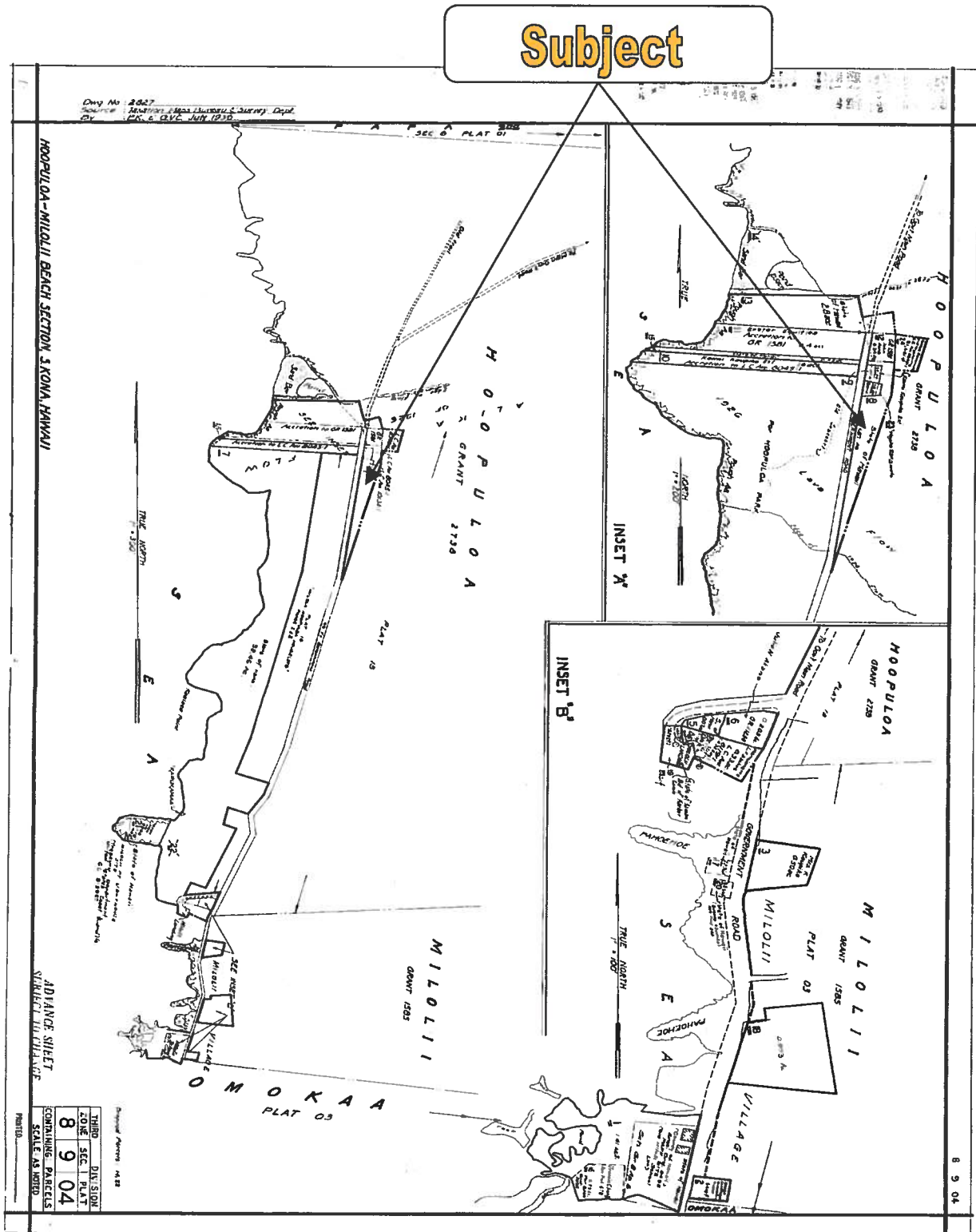


EXHIBIT N-1

2/4



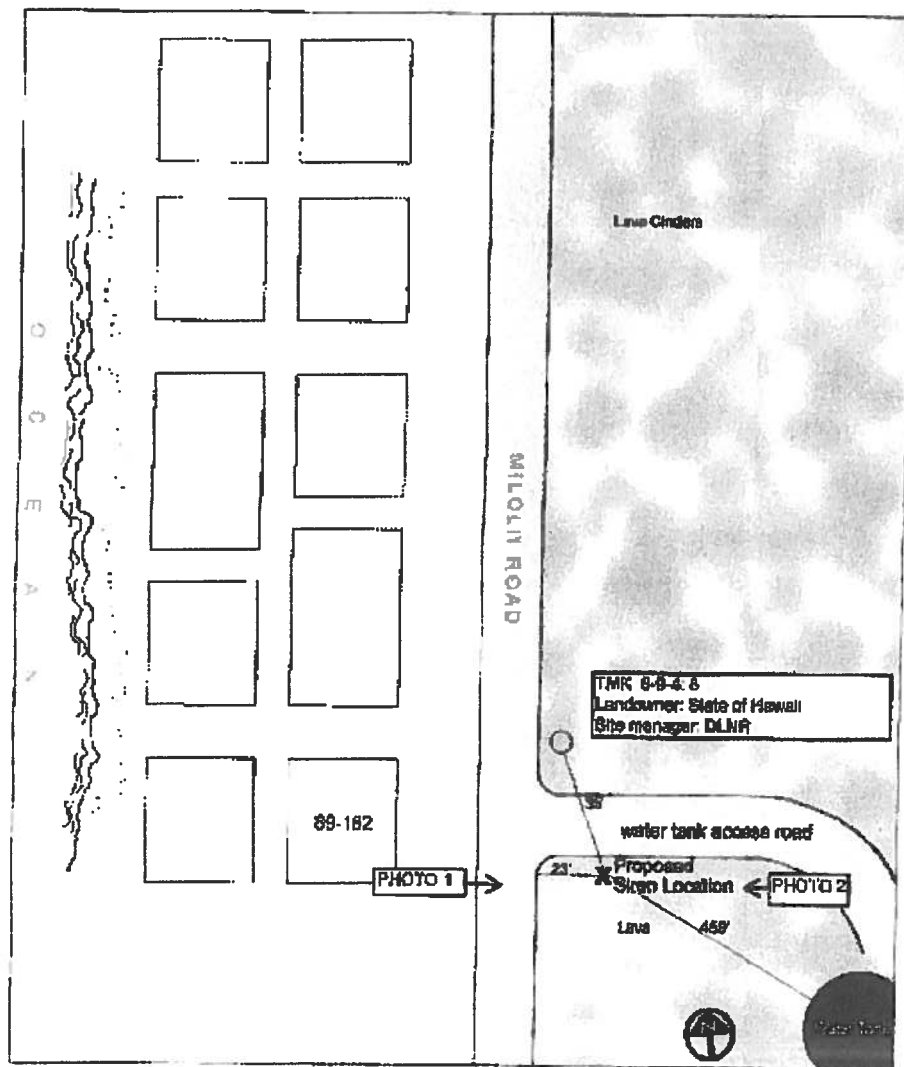
**EXHIBIT O**

### SITE SKETCH

DATE: 9/13/2006  
ISLAND: Hawaii  
SITE NUMBER: 207  
SITE NAME: Ho'opuloa

LEGEND

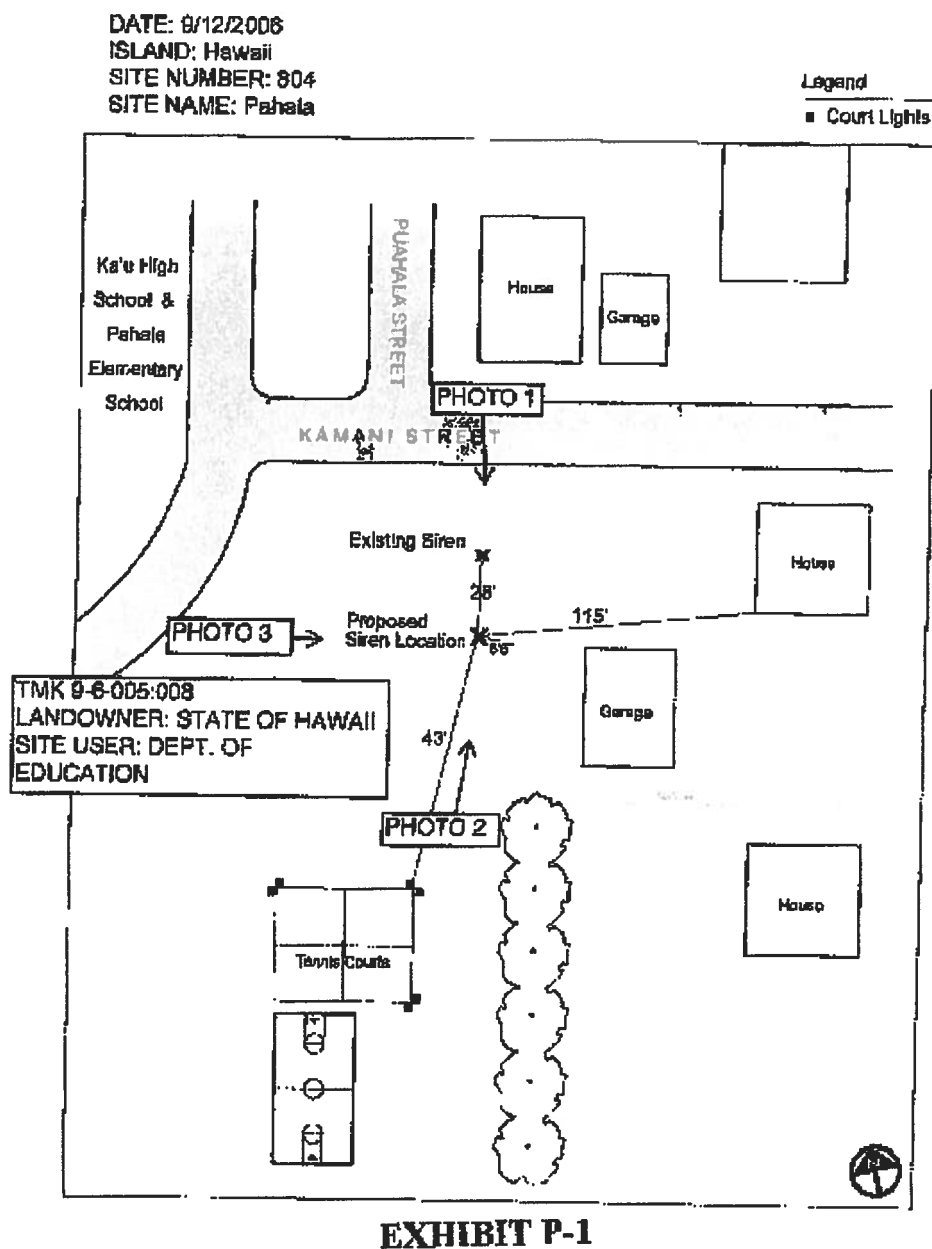
○ Utility Pole



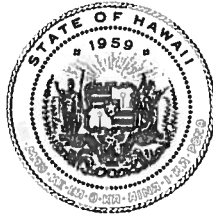
**EXHIBIT O-1**



### SITE SKETCH



NEIL ABERCROMBIE  
GOVERNOR OF HAWAII



WILLIAM J. AILAN, JR.  
CHAIRPERSON  
BOARD OF LAND AND NATURAL RESOURCES  
COMMISSION ON WATER RESOURCE MANAGEMENT

**STATE OF HAWAII**  
**DEPARTMENT OF LAND AND NATURAL RESOURCES**

POST OFFICE BOX 621  
HONOLULU, HAWAII 96809

June 23, 2011

**EXEMPTION NOTIFICATION**

From the preparation of an environmental assessment under the authority of Chapter 343, HRS and Chapter 11-200, HAR

**Project Title:** Grant of Sixteen (16) Perpetual, Non-Exclusive Easements to the Department of Defense, for Emergency Civil Defense Warning Siren Purposes; Immediate Construction Right-of-Entry

**Project Number:** PSF No. 11HD-171

**Project Location:** Puna, South Hilo, Hamakua, North Kohala, South Kohala, North Kona, South Kona and Kau, Hawaii; Tax Map Keys: 3<sup>rd</sup>/ 1-6-03:110, 1-9-03:17, 2-2-56:26, 2-4-01:161, 2-4-35:04, 2-5-40:12, 2-8-06:12, 2-8-14:01, 4-5-03:20, 4-8-06:10, 5-6-01:37, 5-7-03:13, 6-9-01:17, 7-4-19:44, 8-9-04:08 & 9-6-05:08

**Project Description:** Issue perpetual, non-exclusive easements and immediate rights-of-entry to the Department of Defense (DOD), to install and maintain civil defense warning sirens throughout the Island of Hawaii

**Consulted Parties:** DLNR Historic Preservation Division; State Department of Transportation, Airports Division

**Exemption Class No.:** In accordance with the "Division of Land Management's Environmental Impact Statement Exemption List", approved by the Environmental Council and dated April 28, 1986, the subject request is exempt from the preparation of an environmental assessment under the following:

**EXHIBIT Q**



Exemption Class No. 3, which states, "Construction and location of single, new small facilities or structures and the alteration and modification of same and installation of new, small, equipment and facilities and alteration and modification of same . . . "

**Exemption Item No.  
And Description:**

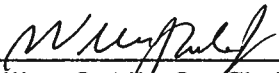
Not applicable.

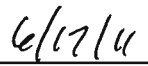
The exemption class designated above is appropriate because a single pole and siren will be installed on each of the subject parcels to increase the coverage of the State's emergency civil defense warning siren system. Additionally, DOD has issued a declaration of exemption for this project attached as Exhibit 1.

The approval of the grant of easements for the purposes indicated will result in no material change or significant cumulative impact. If further actions are taken that result in a material change, DOD will be required to be in compliance with Chapter 343.

**Recommendation:**

The grant of perpetual, non-exclusive easements over the subject lands in itself will probably have minimal or no significant effect on the environment. It is recommended that the Board of Land and Natural Resources find that the disposition is exempt from the preparation of an environmental assessment. Inasmuch as the Chapter 343 environmental requirements apply to any future use of the lands, DOD shall be responsible for compliance with Chapter 343, HRS, as amended.

  
\_\_\_\_\_  
William J. Aka, Jr., Chairperson

  
\_\_\_\_\_  
Date

**EXHIBIT Q**



**STATE OF HAWAII**  
**DEPARTMENT OF DEFENSE**  
3949 DIAMOND HEAD ROAD, HONOLULU, HAWAII 96816

**DECLARATION OF EXEMPTION**

from the preparation of an environmental assessment under the authority of Chapter 343, HRS and Chapter 11-200, HAR

Project Title &  
Job Number:

Disaster Warning and Communication System Devices for County of  
Hawaii  
Various DAGS Job Nos.: 16-14-7237, 16-14-7242, \_\_\_\_\_

Project Description:

The State Department of Defense (DOD) has the responsibility to install and maintain disaster warning and communication system devices (warning sirens). The DOD has a priority listing of 241 siren sites that need new or replacement warning sirens. This Declaration of Exemption is for the warning sirens in the County of Hawaii on State, County and private-owned land and listed on the DOD's 241 siren priority list.

These projects will replace the old warning sirens and install new warning sirens in the County of Hawaii. The work includes the installation of new siren poles, siren speakers, siren equipment, photovoltaic panel, control and battery cabinets, demolition of the existing siren and pole, and related work. The following civil defense warning siren locations (siren name and number) are covered by this declaration:

**Puako South (Siren 406)** - The existing siren will be replaced with a new siren located on Puako Beach Drive within the County right-of-way and close to TMK 6-9-006: 026.

**Holoholokal Public Beach Park (Siren 409)** - This new siren is located in the Holoholokal Public Beach Park (TMK 6-9-001: 017) and close to the parking lot.

**Historic Park (Siren 410)** - This new siren is located in the Mauna Lani Resort's Historic Park (TMK 6-8-022: 017) and close to the parking lot.

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**Honoluli Park (Siren 118)** - This new siren is located in the Kahoa Street right-of-way and close to TMK 2-6-026: 001.

**Hoopulua (Siren 707)** - This new siren is located in Milolii and within TMK 8-9-004:008.

**Kapaa Park Road (Siren 505)** - This new siren is located off the Kapaa Park access road (TMK 5-6-001: 037) and close to the intersection of a 4x4 dirt access road.

**Kapoho Vacation Land (Siren 926)** - This new siren is located within the Vacation Land Hawai'i Community Association property (TMK 1-4-072: 035) and close to the intersection of Kikiao Road and Kapoho Kai Drive.

**Mahukona Park (Siren 504)** - This new siren is located in the Mahukona Park (TMK 5-7-003: 013) and close to the parking lot.

**Waa Waa (Siren 937)** - This new siren is located on the Government Beach Road and close to TMK 1-4-28: 031.

**Hakalau (Siren 113)** - The existing siren, located within the Mamalahoe Highway right-of-way and close to the intersection of Chin Chuck Road, will be replaced with a new siren about 10 feet away. The location is close to TMK 2-9-002: 003.

**Hawaiian Beaches #1 (Siren 907)** - The existing siren, located in Hawaiian Beaches Park (TMK 1-5-067:035), will be replaced with a new siren close to the volunteer fire station building off North Puni Makai Circle.

**Honokaa (Siren 302)** - The existing siren, located in the Honokaa High and Intermediate School (TMK 4-5-003:020) and just off Pakalana Street, will be replaced with a new siren nearby.

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**Honoumā (Siren 111)** – The existing siren, located close to the Honoumā Gym, will be replaced with a new siren close to the baseball field (TMK 2-8-014:001).

**Kealahou School (Siren 602)** – The existing siren, located in the Kealahou Elementary School (TMK 7-4-019: 044), will be replaced with a new siren nearby (along Kealahou Street).

**Mountain View Park (Siren 901)** – The existing siren, located close to the Mountain View cemetery, will be replaced with a new siren in the Mountain View Park (TMK 1-8-002: 049) and close to the senior center facility.

**Paaulo (Siren 301)** – The existing siren, located close to the intersection of Mamalahoe Highway and Haloa Road and within the road right-of-way, will be removed and replaced with a new siren nearby (close to TMK 4-3-002: 014).

**Pahala Park (Siren 904)** – The existing siren, located in the parking lot on the Pahala Elementary School (TMK 9-6-005:008), will be replaced with a new siren and located closer to the tennis courts.

**Upchurch Subdivision (Siren 604)** – The existing siren, located off Kuakini Highway on private property (TMK 7-5-017: 037), will be replaced with a new siren nearby.

**Waiuku-Hawai'i Preparatory Academy (Siren 402)** – The existing siren, located in the County right-of-way near to the intersection of Kohala Mountain Road and Kawaihae Road (close to TMK 6-6-001: 077), will be replaced with a new siren nearby.

**Ahualoa (Siren 305)** – This new siren is located in the Mamalahoe Highway right-of-way and close to TMK 4-3-010: 119.

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**Ainako Park (Siren 117)** - This new siren is located in Ainako Park (TMK 2-5-018: 026) and is close to the parking lot.

**Aloha Estates (Siren 918)** - This new siren is located on the north side of Mauna Kea Drive and 8th Road intersection, within the private road right-of-way (TMK 1-8-045: 999) and close to TMK 1-8-007: 070.

**Black Sand Beach Subdivision (Siren 919)** - This new siren is located close to the Black Sand Beach subdivision and in the One'e'e Road right-of-way and close to TMK 1-2-007:040.

**Cooper Center (Siren 936)** - This new siren is located in the Cooper Center (TMK 1-9-003: 017) and in the parking lot area.

**Discovery Harbor (Siren 808)** - This new siren is located close to the intersection of Kaulua Circle and Kahiki Street and on TMK 9-4-001: 019.

**Eden Rock Estates (Siren 920)** - This new siren is located in a playfield (TMK 1-1-091: 013) just off Ahi Avenue.

**Fern Forest Vacation Estates (Siren 921)** - This new siren is located close to the Fern Forest Volunteer Fire Station (TMK 1-1-028: 085) just off Captain's Drive.

**Green Sand Subdivision Park (Siren 811)** - This new siren is located on TMK 9-4-015: 083 and just off Mark Twain Street.

**Hawaiian Ocean View Estates #3 (Siren 809)** - This new siren is located in the Hawaiian Ocean View Estates on TMK 9-2-063:036 and close to the Reef Circle Mauka Road.

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**Hawaiian Ocean View Estates #4 (Siren 810) - This new siren is located in the Hawaiian Ocean View Estates on TMK 9-2-044:068 and at the intersection of Pineapple Circle Mauka Road and Lei Parkway.**

**Hawaiian Paradise Beach Park (Siren 925) - This new siren is located on TMK 1-5-059: 047 and is close to Paradise Ala Kai Drive.**

**Huina Road (Siren 934) - This new siren is located in the right-of-way at the intersection of Huina Road and North Ala Road and close to TMK 1-7-004:023.**

**Ihope Road (Siren 939) - This new siren is located in the Ihope Road right-of-way and close to the North Kulani Road intersection and to TMK-1-7-017: 132).**

**Kaumana Cave (Siren 125) - This new siren is located in the vicinity of Kaumana Caves and is on TMK 2-5-040:012 just off Kaumana Drive.**

**Keanu High School (Siren 928) - This new siren is located in the Keanu High School (TMK 1-6-003: 110) and close to the baseball field.**

**Kuna Scenic Park (Siren 709) - This new siren is located in the Clarence Lum Won Park (TMK 8-1-024: 031) on Halekii Street side of the playfield.**

**Kukuihaele Park-Hamakua (Siren 306) - This new siren is located in Kukuihaele Park (TMK 4-8-006: 010) and close to the Kukuihaele Road.**

**Kula Kai View Estates (Siren 812) - This new siren is located in the Mamalahoe Highway right-of-way, close to TMK 9-2-184: 004 and close to the intersection of Kona Kai Boulevard.**

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**Kurtistown Park (Siren 929)** - This new siren is located in the Kurtistown Park (TMK 1-7-003:019) and is close to the tennis courts.

**Makanae Park (Siren 119)** - This new siren is located in the Makanae Park (TMK 2-2-056: 026) and close to the parking lot and East Mamaki Street.

**Manaloa Estates (Siren 931)** - This new siren is located in the Jade Avenue right-of-way and close to the Manaloa Highway intersection. The adjacent TMK is 1-1-007: 140.

**Mohouli Park (Siren 120)** - This new siren is located in the Mohouli Park (TMK 2-4-001:161) and close to the south side of the basketball court.

**Nanawale Subdivision #2 (Siren 930)** - This new siren is located in the Nanawale Subdivision and in the Hapua Road right-of-way, close to TMK 1-4-031: 039.

**Orchid Isle Estates (Siren 932)** - This new siren is located in the Orchid Isle Estates Subdivision and in the Lehuana Road right-of-way, close to TMK 1-8-007: 057.

**Pahoa Agriculture Park (Siren 935)** - This new siren is located in the road right-of-way, close to the intersection of Kahakai Boulevard and Pahoa By-Pass Road and close to TMK 1-5-116: 046.

**Panaewa Park (Siren 121)** - This new siren is located in the Panaewa Park (TMK 2-2-059: 011) and is close to the baseball field and Noeau Street.

**Pepeekeo Community Center (Siren 122)** - This new siren is located in the Pepeekeo Community Center (TMK 2-8-006: 012) and close to the parking lot and former community center buildings.

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**Puko Street & Volcano Highway (Siren 924)** - This new siren is located in the Mamalaha Highway right-of-way and close to the Department of Water Supply's water tank site (TMK 1-6-003:087).

**Royal Hawaiian Estates (Siren 927)** - This new siren is located in the Old Volcano Road right-of-way and close to TMK 1-9-001:053.

**Shipman Industrial Park (Siren 940)** - This new siren is located in the right-of-way of Kalara Street and close to the intersection of Kipimana Street and close to TMK 1-6-148:026.

**South Kulani (Siren 923)** - This new siren is located in the road right-of-way, TMK 1-1-038: 207. The location is near to the intersection of South Kulani and Puhala Street and close to TMK 1-1-039: 121.

**Waialakea Uka Gym (Siren 124)** - This new siren is located in the park grounds (TMK 2-4-035: 004) and is close to the bridge that links the 2 portions of the park.

**Waikamalo Park (Siren 123)** - This new siren is located in the road right-of-way near to the intersection of Old Mamalaha Road and Mamalaha Road and close to TMK 3-2-002: 032.

**Waikoloa Community Park (Siren 408)** - This new siren is located in the Waikoloa Community Park (TMK 6-8-013: 001) and close to the basketball court and Puuui Street.

**Wainaku Gym (Siren 126)** - This new siren is located close to the Wainaku Gym parking lot (TMK 2-6-013: 030) and close to Alkane Loop Road.

**Upolu Point Public Access (Siren 506)** - This new siren is located in the Upolu Point lookout area (TMK 5-6-001:074).

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**Orchid Land Estates (Siren 933)** - This new siren is located in the road right-of-way, close to the Keau - Pahoa Road and Orchid Land Drive intersection. The nearby TMK is 1-6-010: 137.

**Hookena Beach Park (Siren 706)** - The existing siren, located in the Hookena Beach Park (TMK 8-6-013: 021), will be replaced with a new siren nearby.

**Waimoa Park (Siren 401)** - The existing siren, located in the Kawaihae Road right-of-way and close to the Waimoa Park (TMK 6-5-007: 001), will be replaced with a new siren nearby.

**Natural Energy Laboratory of Hawai'i Authority (Siren 611)** - This new siren is located in the Natural Energy Laboratory of Hawai'i Authority property (TMK 7-3-043: 042) and close to their pump station facility and just off a beach access road.

**Puako Center (Siren 405)** - This siren is located in the Puako Beach Drive right-of-way and close to M's Puako General Store (TMK 6-9-003: 002).

**Consulted Parties:**

State Department of Defense (DOD), County of Hawai'i-Department of Civil Defense, County of Hawai'i-Department of Parks and Recreation, County of Hawai'i-Department of Public Works, County of Hawai'i-Department of Water Supply, State Department of Accounting and General Services, State Department of Land and Natural Resources-Division of State Parks, Office of Conservation and Coastal Lands, and State Historic Preservation Division.

**Exemption Class No. &  
Description from Agency  
Exemption List:**

3. Construction and location of single, new, small facilities or structures and the alteration and modification of the same and installation of new,

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small, equipment and facilities and the alteration and modification of the same including but not limited to: (A) single family residences less than 3,500- square feet not in conjunction with the building of two or more such units; (B) multi-unit structures designed for not more than four dwelling units if not in conjunction with the building of two or more such structures; (C) stores, offices and restaurants designed for total occupant load of twenty persons or less per structure, if not in conjunction with the building of two or more such structures; and (D) water, sewage, electrical, gas, telephone, and other essential public utility service extensions to serve such structures or facilities; accessory or appurtenant structures including garages, carports, patios, swimming pools, and fences; and acquisition of utility easements.

Exempt Item No. &  
Description From Agency  
Exemption List:

4. Civil defense warning sirens.

Exemption Class No. &  
Description from Agency  
Exemption List:

8. Demolition of structures, except those structures located on any historic site as designated in the National Register or Hawaii Register as provided for in the National Historic Preservation Act of 1996, Public Law 89-665, 16 U.S.C. 470, as amended, or Chapter 6E, HRS.

1. Demolishing uncontaminated DOD structures, except those on any historic site.

Exempt Item No. &  
Description From Agency  
Exemption List:

9. Zoning variances, except shoreline setback variances.

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small, equipment and facilities and the alteration and modification of the same including but not limited to: (A) single family residences less than 3,500- square feet not in conjunction with the building of two or more such units; (B) multi-unit structures designed for not more than four dwelling units if not in conjunction with the building of two or more such structures; (C) stores, offices and restaurants designed for total occupant load of twenty persons or less per structure, if not in conjunction with the building of two or more such structures; and (D) water, sewage, electrical, gas, telephone, and other essential public utility service extensions to serve such structures or facilities; accessory or appurtenant structures including garages, carports, patios, swimming pools, and fences; and acquisition of utility easements.

Exempt Item No. &  
Description From Agency  
Exemption List:

4. Civil defense warning sirens.

Exemption Class No. &  
Description from Agency  
Exemption List:

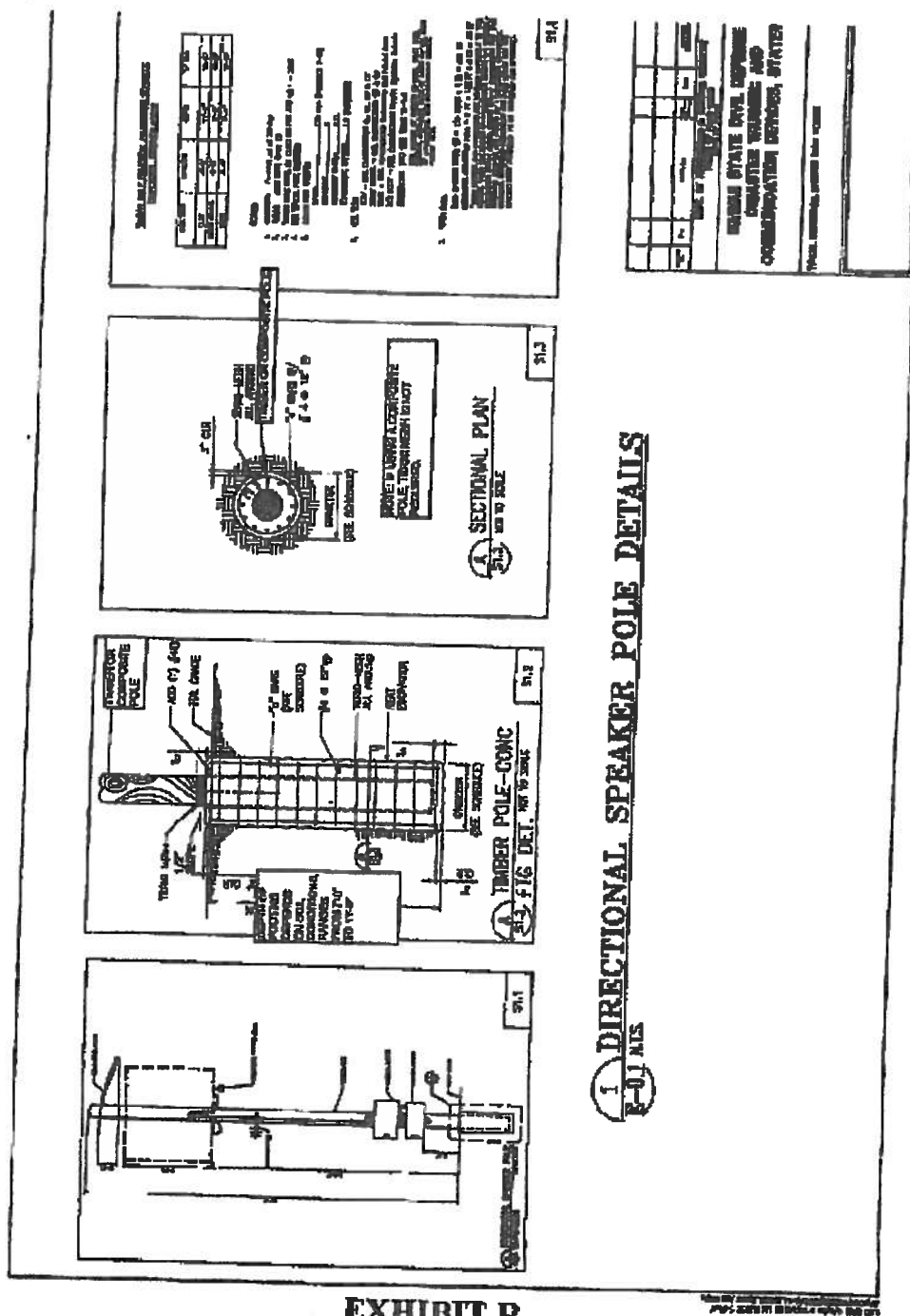
8. Demolition of structures, except those structures located on any historic site as designated in the National Register or Hawaii Register as provided for in the National Historic Preservation Act of 1996, Public Law 89-665, 16 U.S.C. 470, as amended, or Chapter 6E, HRS.

1. Demolishing uncontaminated DOD structures, except those on any historic site.

Exempt Item No. &  
Description From Agency  
Exemption List:

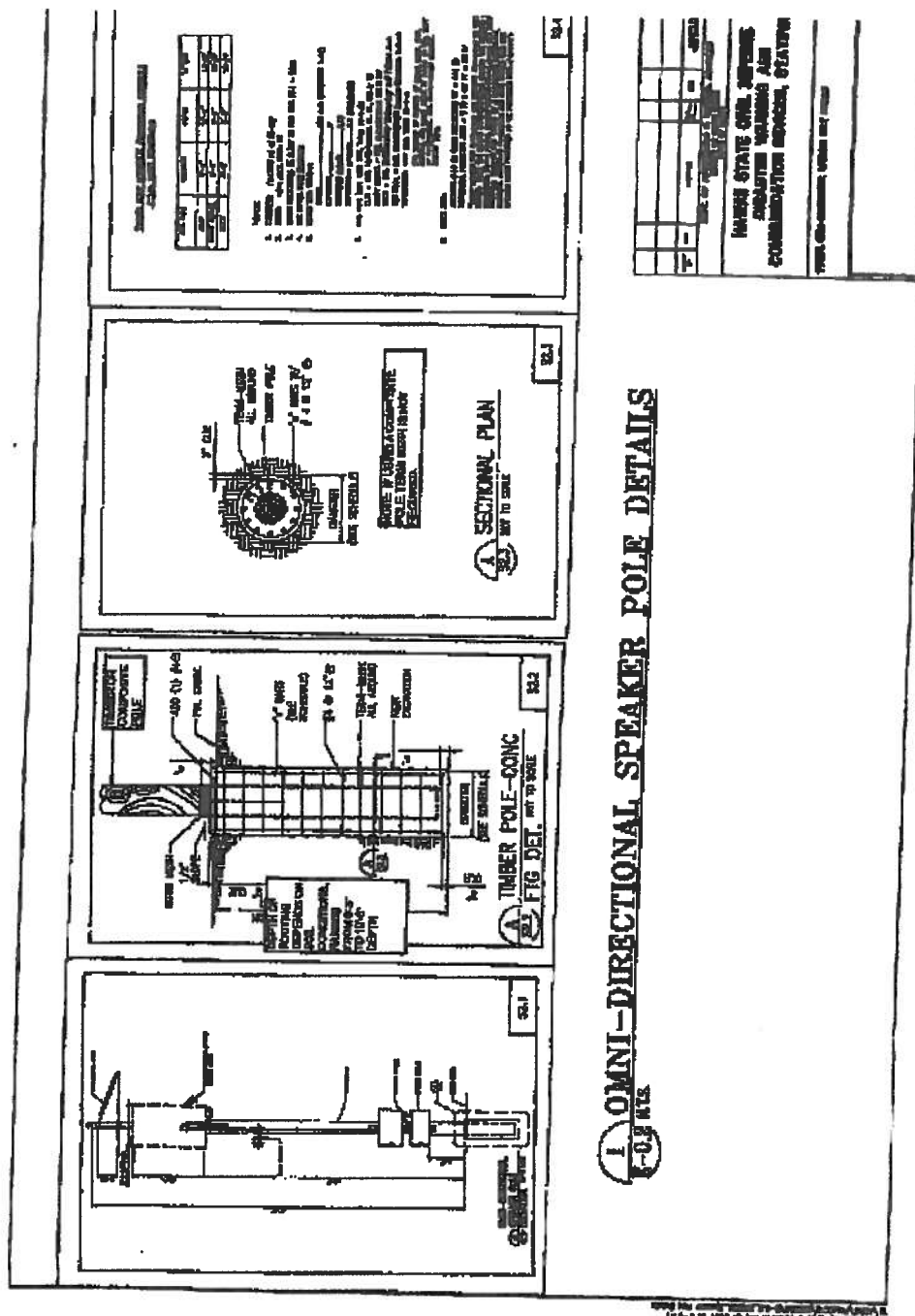
9. Zoning variances, except shoreline setback variances.

## EXHIBIT 1



**EXHIBIT R**

## EXHIBIT R



## EXHIBIT R